



# **STIC Search Report**

## **EIC 3600**

**STIC Database Tracking Number: 21680**

**TO: Vanel Frenel**  
**Location: 5D25**  
**Art Unit : 3627**

**Case Serial Number: 09/725242**

**From: Joan Goodbody**  
**Location: EIC 3600**  
**Knox 4B71**  
**Phone: 571-272-8592**

**joan.goodbody@uspto.gov**

### **Search Notes**

Dear Vanel:

Attached are the results of your search request regarding  
**PROCESSING SYSTEM FOR PROVIDING SERVICES AND PROCESSING METHOD**

Please let me know if you need anything further.

Joan Goodbody



50

216303

# STIC EIC 3600 Search Request Form

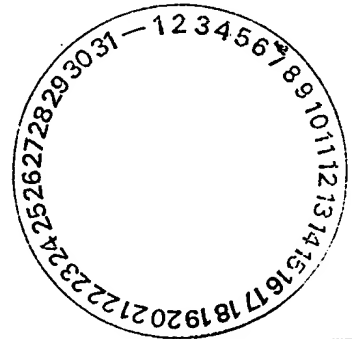
Today's Date: 2/22/07 Class/Subclass 705/4 What date would you like to use to limit the search? Priority Date: 7/6/00 Other: \_\_\_\_\_

Name VANEL FRENEL  
AU 3627 Examiner # 75573  
Room # 5D25 Phone 571-272-6769  
Serial # 09/725,242

Format for Search Results (Circle One):  
PAPER DISK EMAIL  
Where have you searched so far?  
USP DWPI EPO JPO ACM IBM TDB  
IEEE INSPEC SPI Other \_\_\_\_\_

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

*See Attached.*



STIC Searcher \_\_\_\_\_ Phone \_\_\_\_\_  
Date picked up \_\_\_\_\_ Date Completed \_\_\_\_\_



**IN THE CLAIMS**

This listing of the claim will replace all prior versions and listings of claim in the present application.

**Listing of Claims**

Claims 1-9 (canceled).

10. (currently amended) A processing system for providing services from a plurality of service providers to a plurality of service users, said processing system comprising:

a car mounted terminal provided for each service user to permit said service user to input user inputs and to display data;

a service providing management unit, coupled to said car mounted unit by a network, for processing by concluding agreements of service offerings from said service providers to said service users to which ~~an~~ offers of services ~~is~~ are performed, receiving an application from a service user using said car mounted terminal who desires a service offering, recording necessary personal data of the service user from said ~~apparatus~~ car mounted terminal, processing a registration based on said necessary personal data of the service user as payment of desired services, ~~and~~ processing of receipt of a lump-sum or periodic use fee from the service user, processing of issuing a point card for the service user in which the personal data of the service user and a point value corresponding to the received use fee are recorded,

wherein said service providing management unit comprises:

a car use service management unit for, in response to a car use service application from a service user registered by said service providing management unit, processing by collectively presenting types of cars to said

service user, at the same time or after the car type presentation, processing by presenting considerations in point values with regard to a use period for every car type presented to said service user, processing of accepting a car use application in which a car type is specified which the service user desires to use among the presented car types and a use period of the car is selected, processing of requesting a service provider to provide a service in which the type of car is specified and the use period thereof is selected by the service user, processing of receiving a report from the service provider that the car use service has been completed, and processing of deducting the point value corresponding to the offered service from the point value owned by the service user,

a car insurance ~~other~~ service management unit for, after performing the processing of accepting a car use application in which car type is specified which the service user desires to use among the presented car types and a use period of the car is selected, processing by presenting types, contents and use period of car insurance services with regard to the car selected by the service user, at the same time when or after presenting the types, contents and use period of the car insurance services, processing of presenting considerations in point values of the types, contents and use period of the car insurance services, processing of receiving a use application of car insurance service which is voluntarily selected by the service user regardless of the type and use period of the car which the service user receives as the service offer, processing of requesting the service provider to provide the car insurance service which is selected by the service user, processing of receiving a report from the service provider that the car



insurance service has been offered, and processing of deducting a point value corresponding to the offered car insurance service from the point value owned by the service ~~use~~user is performed, and

a car other service management unit for, when the service user receives a car use service, processing by presenting different kinds of services other than car use and car insurance services which are available only for the service user receiving car use service by making use of said car mounted terminal of the car now being used, at the same time or after presenting the different kinds of other services, contents thereof and use time thereof, processing of presenting considerations in a form of point value with regard to the kinds of other services, the contents thereof and the use time thereof, processing of receiving a use application of the different kinds of other services and the use time thereof which is set by the service user within the remaining point value of the service user, processing of requesting a service provider to provide another service selected by the service user, processing of receiving a report from the service provider via the car mounted terminal that the other service has been provided, and processing of deducting a point value corresponding to the other service being provided from the point value owned by the service user,

wherein said service user is not required to buy and own a car and can freely change the type of car used under the car use service as well as modify the contents of the car insurance service on the car used under the car use service depending on use conditions of the car,

wherein during a period when the service user does not use the car,  
the service user is free to terminate the car insurance service for the period,  
and

wherein when the car insurance service on the car used under the car  
use service has been terminated by the service user, a remainder of the  
points credited by a predetermined amount of payment increases and points  
that will not be used due to the termination of the car insurance service can be  
freely used for the different kinds of services, managed by said car other  
service management unit, other than the car use and car insurance services.

Claims 11-13 (cancelled).

14. (original) A processing system for providing services  
according to claim 10, wherein the kinds of car include a car manufacture,  
models/type, displacement volume, grade and body color.

Claim 15 (canceled).

16. (original) A processing system for providing services  
according to claim 10, wherein the use period of the car is a time interval in  
which the service user occupies and uses the car.

Claims 17-19 (canceled).

**REMARKS**

The present Amendment amends claim 10 and leaves claims 14 and 16 unchanged. The present application has pending claims 10, 14 and 16.

Claims 10, 14 and 16 stand rejected under 35 USC §103(a) as being unpatentable over Stewart (U.S. Patent No. 6,259,405) in view of Joseph (U.S. Patent Application Publication No. 2005/0165661). This rejection is traversed for the following reasons. Applicants submit that the features of the present invention as now more clearly recited in claims 10, 14 and 16 are not taught or suggested by Stewart or Joseph whether taken individually or in combination with each other as suggested by the Examiner. Therefore, Applicants respectfully request the Examiner to reconsider and withdraw this rejection.

Various amendments were made throughout the claims particularly claim 10 in order to more clearly describe features of the present invention. Specifically, amendments were made to claim 10 so as to more clearly recite that according to the present invention after a user registers as a member through the service providing management unit, the user can use a car under a car use service, purchase car insurance service on the car being used, and purchase services other than car use and car insurance services using points issued every time the user uses any one of the services. Uniquely, according to the present invention the service user is not required to buy or own a car and can freely change the type of car used under the car use service as well as modify the contents the car insurance service on the car used under the car use service depending on used conditions of the car such that during a period when the service user does not use the car, the service user is free to

terminate the car insurance for the period, and when the car insurance service on the car used under the car use service has been terminated by the service user, a remainder of the points credited by a predetermined amount of payment increases and points that will not be used due to the termination of the car insurance service can be freely used for the different kinds of services, managed by said car other service management unit, other than car use and car insurance services as in the present invention.

The above described features of the present invention now more clearly recited in the claims are not taught or suggested by any of the references of record whether taken individually or in combination with each other. Particularly, the above described features of the present invention now more clearly recited in the claims are not taught or suggested by Stewart or Joseph whether taken individually or in combination with each other as suggested by the Examiner.

Stewart teaches a system for overcoming conventional conveniences when a traveler uses a mobile PC. Stewart teaches that the mobile PC cannot be used if the traveler moves to a location where the PC cannot access a wireless network. Stewart discloses a network including a portable computing device (PCD) owned by a mobile user and a wireless access point (AP) connected to a network 130 to which a service provider 140 and a management information base (MIB) 150 is provided. Stewart teaches that by performing scanning with the AP located in numerous locations, an ID transmitted from a PCD is detected and the detected ID is relayed to the service provider 140 via the network 130. Thus, in Stewart connection between the PCD and the service provider is accomplished whenever the ID

of the PCD is detected by the AP. Therefore, in Stewart a mobile user can reserve a car for renting during movement before the mobile user arrives at a destination airport.

Stewart also teaches that a variety of services such as restaurant, hotels and airline reservations, other than car rental reservation services, can be provided. In Stewart, a mobile user is required to request a desired service which can be any one of the listed services and pay for such services individually. However, at no point is there any teaching or suggestion in Stewart of the above described features of the present invention now more clearly recited in the claims.

As described above, according to the present invention when a car use service is selected, car insurance service is purchased and the contents of the car insurance service can be terminated by the user when the car is not being used. When the contents of the car insurance service is modified by termination, the points which were not used due to the termination can be used for services other than the car use and car insurance services. Such features are clearly not taught or suggested by Stewart.

Thus, Stewart fails to teach or suggest that the service user is not required to buy and own car and can freely changed the type of car used under the car use service as well as modify the contents of the car insurance service on the car used under the car use service depending on use conditions of the car as recited in the claims.

Further, Stewart fails to teach or suggest that during a period when the service user does not use the car, the service user is free to terminate the car insurance for the period as recited in the claims.

Still further, Stewart fails to teach or suggest that when the car insurance service on the car used under the car use service has been terminated by the service user, a remainder of the points credited by a predetermined amount of payment increases and points that will not be used due to the termination of the car insurance service can be freely used for the different kinds of services, managed by said car other service management units, other than the car use and car insurance services as recited in the claims.

The above described deficiencies of Stewart are not supplied by any of the other references of record. Particularly, the above described deficiencies of Stewart are not supplied by Joseph. Therefore, combining the teachings of Stewart and Joseph in the manner suggested by the Examiner in the Office Action still fails to teach or suggest the features of the present invention as now more clearly recited in the claims.

Joseph apparently recognizes that the cost of terminating a vehicle lease agreement is high and the cost of transferring a vehicle lease right to others is low. Based on such recognition, Joseph teaches a system in which a variety of parameters such as style, year, make and mileage of respective leased vehicles are displayed on a website and a user can select any desired leased vehicle from the leased vehicles being displayed. Further, in system taught by Joseph, when a user cannot find a desired leased vehicle on the website and if the user registers his/her desires on the website, the user can automatically be informed when the desired leased vehicle becomes available on the website.

Joseph also teaches in paragraphs [0043] – [0045] a system in which wherein the website provides a link to a website of car insurance in order to keep continuity of the car insurance after transferring the car lease from one vehicle to another. Joseph simply teaches a system which permits the use to access another website to move the car insurance from one vehicle to another vehicle.

Thus, as is clear from the above, Joseph fails to teach or suggest that the service user is not required to buy and own a car and can freely change the type of car to used under the car use service as well as modify the contents of the car insurance service on the car used under the car use service depending on use conditions of the car and during a period when the service user does not use the car, the service user is free to terminate the car insurance service for the period as recited in the claims.

Further, Joseph fails to teach or suggest that when the car insurance on the car used under the car use service has been terminated by the service user, a remainder of the points credited by a predetermined amount of payment increases and points that will not be used due to the termination of the car insurance service can be freely used for the different kinds of services, managed by said car other service management unit, other than the car use and car insurance services as recited in the claims.

Therefore, since both Stewart and Joseph fails to teach or suggest the features of the present invention, the combination of Stewart and Joseph does not render obvious the features of the present invention as now more clearly recited in the claims. Accordingly, reconsideration and withdrawal of the 35

USC §103(a) rejection of claims 10, 14 and 16 as being unpatentable over Stewart and Joseph is respectfully requested.

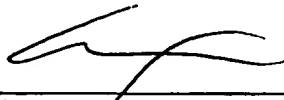
The remaining references of record have been studied. Applicants submit that they do not supply any of the deficiencies noted above with respect to the references utilized in the rejection of claims 10, 14 and 16.

In view of the foregoing amendments and remarks, applicants submit that claims 10, 14 and 16 are in condition for allowance. Accordingly, early allowance of claims 10, 14 and 16 is respectfully requested.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (503.39354X00).

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



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Carl I. Brundidge  
Registration No. 29,621

CIB/jdc  
(703) 684-1120





# STIC Search Results Feedback Form

## EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Karen Lehman, EIC 3600 Team Leader  
KNX 4A58, 571-271-3496

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:

Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804



Set	Items	Description
S1	7975	S AU=(YOSHIOKA T? OR YOSHIOKA, T? OR YOSHIOKA(2N)TATSUO)
S2	13566	S AU=(ITO A? OR ITO, A? OR ITO(2N)AKIO)
S3	655	S AU=(TOYAMA A? OR TOYAMA, A? OR TOYAMA(2N)ATSUYA)
S4	7	S S1 AND S2 AND S3
S5	22162	S S1 OR S2 OR S3
S6	0	S S5 AND (INFORMATION(2N)SYSTEM? ?)(2N)SERVICE? ? AND IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)(VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S7	0	S S5 AND (INFORMATION(2N)SYSTEM? ?)AND IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)
S8	17	S S5 AND (INFORMATION(2N)SYSTEM? ?)AND (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)
S9	4	S S8 AND IC=G06F-017/60

; show files

[File 350] **Derwent WPIX** 1963-2006/UD=200715

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*\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.*

[File 347] **JAPIO** Dec 1976-2006/Nov(Updated 070228)

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4/5/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0013192511 *Drawing available*

WPI Acc no: 2003-276190/200327

XRPX Acc No: N2003-219422

**Protective maintenance service system for vehicle, determines time for replacement of components without condition sensor according to service life compensated with actual service environment**

Patent Assignee: HITACHI LTD (HITA); ITO A (ITOA-I); MANAKA T (MANA-I); NAKAHARA T (NAKA-I); TOYAMA A (TOYA-I); YOSHIOKA T (YOSH-I)

Inventor: ITO A; MANAKA T; NAKAHARA T; TOYAMA A; YOSHIOKA T

Patent Family ( 4 patents, 3 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020193923	A1	20021219	US 200299908	A	20020313	200327	B
JP 2002370630	A	20021224	JP 2001182311	A	20010615	200327	E
CN 1392471	A	20030122	CN 2002105796	A	20020418	200332	E
US 6662090	B2	20031209	US 200299908	A	20020313	200381	E

Priority Applications (no., kind, date): US 200299908 A 20020313; JP 2001182311 A 20010615

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020193923	A1	EN	33	25	
JP 2002370630	A	JA	23		

#### Alerting Abstract US A1

NOVELTY - A database stores the components to be inspected for respective vehicles. The time for replacement of the vehicle components is indicated by alarm generated based on the data detected by the condition sensor provided in respective component. For the components which do not have the condition sensor, the replacement time is detected according to service life compensated with an actual service environment.

USE - Protective maintenance service system for vehicle.

ADVANTAGE - Predicts the degradation development of inspection required portion with the mileage per time in the past and the conditions of the vehicle in service.

DESCRIPTION OF DRAWINGS - The figure shows the protective maintenance service system of vehicle.

**Title Terms /Index Terms/Additional Words:** PROTECT; MAINTAIN; SERVICE; SYSTEM; VEHICLE; DETERMINE; TIME; REPLACE; COMPONENT; CONDITION; SENSE; ACCORD; LIFE; COMPENSATE; ACTUAL; ENVIRONMENT

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B60S-005/00; G06F-019/00; G06F-007/00			Main		"Version 7"
G06F-017/30; G06F-017/60			Secondary		"Version 7"

US Classification, Issued: 701030000, 340438000, 701030000, 340933000, 340938000, 340457000, 342357130 , 342457000

File Segment: EPI;  
DWPI Class: T01; X22  
Manual Codes (EPI/S-X): T01-J08; X22-E10; X22-X06

4/5/2 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0012727701 *Drawing available*

WPI Acc no: 2002-579974/200262

XRPX Acc No: N2002-460279

**Probe information collecting system for motor vehicle, sets up point value as price for service received, based on probe information provided by service user**

Patent Assignee: HITACHI LTD (HITA)

Inventor: ITO A; TOYAMA A; YOSHIOKA T

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002189792	A	20020705	JP 2000386460	A	20001220	200262	B

Priority Applications (no., kind, date): JP 2000386460 A 20001220

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2002189792	A	JA	31	23	

**Alerting Abstract JP A**

NOVELTY - The probe information collecting system sets up a point value as a price for the service received, based on the motor vehicle probe information provided by the user who receives the service.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. Environment information collecting system; and
2. Environment information service processing system.

USE - Probe information collecting system for motor vehicle.

ADVANTAGE - Provides real time and correct probe information, since exact road situation is provided.

DESCRIPTION OF DRAWINGS - The figure shows the environment information service processing system of motor vehicle probe information collecting system. (Drawing includes non-English language text).

**Title Terms /Index Terms/Additional Words:** PROBE; INFORMATION; COLLECT; SYSTEM; MOTOR; VEHICLE; SET; UP; POINT; VALUE; PRICE; SERVICE; RECEIVE; BASED; USER

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"
G08G-001/13			Secondary		"Version 7"

File Segment: EPI;

DWPI Class: T01; T07; X22

Manual Codes (EPI/S-X): T01-J05A; T07-G; X22-E

4/5/3 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0012619077 *Drawing available*

WPI Acc no: 2002-467575/200250

XRPX Acc No: N2002-368720

**Driving information provision processing system for cars, sets up driving condition of vehicle, based on driving environment information stored in inserted IC card**

Patent Assignee: HITACHI LTD (HITA)

Inventor: ITO A; TOYAMA A; YOSHIOKA T

##### Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002120670	A	20020423	JP 2000312385	A	20001012	200250	B

Priority Applications (no., kind, date): JP 2000312385 A 20001012

**Patent Details**

<b>Patent Number</b>	<b>Kind</b>	<b>Lan</b>	<b>Pgs</b>	<b>Draw</b>	<b>Filing Notes</b>
JP 2002120670	A	JA	25	11	

**Alerting Abstract JP A**

**NOVELTY** - An IC card stores the driving environment information of a vehicle setup by an operator. The vehicle is started only when the authentication number input to the vehicle-mounted apparatus corresponds to the authentication number of the inserted IC card. The driving environment condition of the vehicle is setup based on the information stored on the IC card.

**DESCRIPTION** - An INDEPENDENT CLAIM is included for driving information processing method.

**USE** - For motor vehicles such as car.

**ADVANTAGE** - The driving condition of the motor vehicles can be determined efficiently, by reading the IC card inserted into the vehicle.

**DESCRIPTION OF DRAWINGS** - The figure shows the process diagram of the driving information processing system. (Drawing includes non-English language text).

**Title Terms /Index Terms/Additional Words:** DRIVE; INFORMATION; PROVISION; PROCESS; SYSTEM; CAR; SET; UP; CONDITION; VEHICLE; BASED; ENVIRONMENT; STORAGE; INSERT; IC; CARD

**Class Codes**

**International Patent Classification**

<b>IPC</b>	<b>Class Level</b>	<b>Scope</b>	<b>Position</b>	<b>Status</b>	<b>Version Date</b>
B60R-016/02			Main		"Version 7"
G06F-017/60			Secondary		"Version 7"

File Segment: EngPI; EPI;

DWPI Class: T01; Q17

Manual Codes (EPI/S-X): T01-J05A

4/5/4 (Item 4 from file: 350) [Links](#)

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0011200481 *Drawing available*

WPI Acc no: 2002-138884/200218

XRPX Acc No: N2002-104630

**Service providing system e.g. for car insurance service, article selling service, includes service provider which receives point value for offered service from service user**

Patent Assignee: HITACHI LTD (HITA); ITO A (ITOA-I); TOYAMA A (TOYA-I); YOSHIOKA T (YOSH-I)

Inventor: ITO A; TOYAMA A; YOSHIOKA T

**Patent Family ( 6 patents, 94 countries )**

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020004730	A-I	20020110	US 2000725242	A	20001129	200218	B
WO 2002005161	A1	20020117	WO 2001JP5855	A	20010705	200218	E
AU 200171023	A	20020121	AU 200171023	A	20010705	200234	E
JP 2002508695	X	20030826	WO 2001JP5855	A	20010705	200357	E
			JP 2002508695	A	20010705		
CN 1425163	A	20030618	CN 2001805855	A	20010705	200358	E
CN 1224927	C	20051026	CN 2001805855	A	20010705	200650	E

Priority Applications (no., kind, date): JP 2000205783 A 20000706

**Patent Details**

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020004730	A1	EN	28	15		
WO 2002005161	A1	JA				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200171023	A	EN			Based on OPI patent	WO 2002005161
JP 2002508695	X	JA			PCT Application	WO 2001JP5855
					Based on OPI patent	WO 2002005161

**Alerting Abstract US A1**

NOVELTY - A point value set for a service to be offered, is informed to a service user who desires to receive the service. A service provider receives the point value from the service user, when the service is offered.

DESCRIPTION - An INDEPENDENT CLAIM is also included for processing system for providing service.

USE - For providing car indemnity insurance service of an insurance company, articles selling service of a chained convenience store, refueling service of a gas station, car repair service, car leasing service, traveling and sight seeing plans providing service of a travel agency, map distribution service of a trader, concert/play ticket selling service of a ticket dealer, planning, drafting and executing services of a event planer, and traffic/time information services of a road traffic information provider.

ADVANTAGE - Desired services are more easily and freely provided to the service users.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining service providing and receiving operation.

**Title Terms /Index Terms/Additional Words:** SERVICE; SYSTEM; CAR; INSURANCE; ARTICLE; SELL; RECEIVE; POINT; VALUE; OFFER; USER

## Class Codes

### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"
G08G-001/00			Secondary		"Version 7"
G06Q-0030/00	A	I		R	20060101
G06Q-0030/00	C	I		R	20060101

US Classification, Issued: 705004000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2A

4/5/5 (Item 1 from file: 347) [Links](#)

JAPIO

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07502110 \*\*Image available\*\*

## PREVENTIVE MAINTENANCE SERVICE SYSTEM FOR AUTOMOBILE

**Pub. No.:** 2002-370630 [JP 2002370630 A ]

**Published:** December 24, 2002 (20021224)

**Inventor:** TOYAMA ATSUYA

YOSHIOKA TATSUO

ITO AKIRO

MANAKA TOSHIO

NAKAHARA TAKASHI

**Applicant:** HITACHI LTD

**Application No.:** 2001-182311 [JP 2001182311]

**Filed:** June 15, 2001 (20010615)

**International Class:** B60S-005/00; G06F-017/60

## ABSTRACT

**PROBLEM TO BE SOLVED:** To provide a preventive maintenance service system for an automobile capable of determining a deteriorated state of a component needing inspection on the basis of vehicular component condition information acquired from a service life of the component needing inspection used in a vehicle and a component condition sensor attached to the vehicular component or on the basis of a travel distance, a traveling environment where the vehicle is used on the basis of the service life of the vehicular component and a road environment where



the vehicle is traveling, and issuing a warning for component replacement when the deteriorated state of the component needing inspection reaches a preset criterion and it is time for replacement.

**SOLUTION:** With regard to respective components needing inspection stored in a vehicular inspection component database concerning each vehicle precedently provided from a business unit and stored in a vehicle database, replacement timing is detected and a warning is issued that it is time for replacement on the basis of detected data of the component condition sensor in relation to a component attached with the component condition sensor, and on the basis of the service life corrected in response to an operating environment in relation to a component having no component condition sensor attached therewith.

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4/5/6 (Item 2 from file: 347) [Links](#)

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07321305 **\*\*Image available\*\***

**SYSTEM FOR COLLECTING AUTOMOBILE PROBE INFORMATION, SYSTEM FOR COLLECTING ENVIRONMENTAL INFORMATION AROUND TRAVEL ROUTE AND SYSTEM FOR PROCESSING ENVIRONMENTAL INFORMATION SERVICE AROUND TRAVEL ROUTE**

**Pub. No.:** 2002-189792 [JP 2002189792 A ]

**Published:** July 05, 2002 (20020705)

**Inventor:** YOSHIOKA TATSUO

ITO AKIRO

TOYAMA ATSUYA

**Applicant:** HITACHI LTD

**Application No.:** 2000-386460 [JP 2000386460]

**Filed:** December 20, 2000 (20001220)

**International Class:** G06F-017/60; G08G-001/13

## **ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide an automobile probe information collection system capable of accurately obtaining probe information in real time in order to provide accurate road situation in real time.

**SOLUTION:** This system sets a point value in respect of a service to be offered, gives the point value that is received as a consideration to receiving an offered service to a service user who wants to receive the offered service, receives the point value as a consideration the offered service from the service user at the time of offering the service and also gives a point value set preliminarily in accordance with automobile probe information provided from a member to the member who provides prescribed automobile probe information on the basis of a probe member contract made with the service user who wants to provide the automobile probe information.

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4/5/7 (Item 3 from file: 347) [Links](#)

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07252211 \*\*Image available\*\*

**SEAMLESS PROVIDING AND PROCESSING SYSTEM FOR USING ENVIRONMENT INFORMATION,  
AND SEAMLESS PROVIDING AND PROCESSING METHOD FOR USING ENVIRONMENT  
INFORMATION**

**Pub. No.:** 2002-120670 [JP 2002120670 A ]

**Published:** April 23, 2002 (20020423)

**Inventor:** ITO AKIRO

YOSHIOKA TATSUO

TOYAMA ATSUYA

**Applicant:** HITACHI LTD

**Application No.:** 2000-312385 [JP 2000312385]

**Filed:** October 12, 2000 (20001012)

**International Class:** B60R-016/02; G06F-017/60

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a seamless providing and processing system for using environment information that can set a driver's own driving operational and environmental modes quickly even in someone else's automobile (rent-a-car, lease car, new changed car and the like) without requiring the driver to set the driving operational and environmental modes every time he/she drives, by mounting the automobile with on-vehicle equipment capable of handling an IC card, and using the on-vehicle equipment to read out, from the IC card, set points for the items of the driving operational and environmental modes that the driver can set when driving and to set the driving operational and environmental modes.

**SOLUTION:** When an IC card storing in advance set points for driving environmental and operational mode items that a driver can set when driving is set in on-vehicle equipment on an automobile driven, the on-vehicle equipment reads out the set points for the driving operational and environmental mode items stored in the IC card to automatically set the driving environmental and operational mode items for the IC card holder according to the set point readout for the driving operational and environmental mode items.

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9/5/1 (Item 1 from file: 350) [Links](#)

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0012727701 *Drawing available*

WPI Acc no: 2002-579974/200262

XRPX Acc No: N2002-460279

**Probe information collecting system for motor vehicle, sets up point value as price for service received, based on probe information provided by service user**

Patent Assignee: HITACHI LTD (HITA)

Inventor: ITO A; TOYAMA A; YOSHIOKA T

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002189792	A	20020705	JP 2000386460	A	20001220	200262	B

Priority Applications (no., kind, date): JP 2000386460 A 20001220

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2002189792	A	JA	31	23	

#### Alerting Abstract JP A

NOVELTY - The probe **information** collecting **system** sets up a point value as a price for the service received, based on the motor **vehicle** probe information provided by the user who receives the service.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. Environment information collecting **system**; and
2. **Environment** information service processing system.

USE - Probe information collecting system for motor vehicle.

ADVANTAGE - Provides real time and correct probe information, since exact road situation is provided.

DESCRIPTION OF DRAWINGS - The figure shows the environment information service processing system of motor **vehicle** probe information **collecting** system. (Drawing **includes non-English language text**).

**Title Terms** /Index Terms/Additional Words: PROBE; INFORMATION; COLLECT; SYSTEM; MOTOR; **VEHICLE**; SET; UP; POINT; VALUE; PRICE; SERVICE; RECEIVE; BASED; USER

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
-----	-------------	-------	----------	--------	--------------

G06F-017/60			Main		"Version 7"
G08G-001/13			Secondary		"Version 7"

File Segment: EPI;  
DWPI Class: T01; T07; X22  
Manual Codes (EPI/S-X): T01-J05A; T07-G; X22-E

9/5/2 (Item 2 from file: 350) [Links](#)  
Derwent WPIX  
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0012619077 *Drawing available*  
WPI Acc no: 2002-467575/200250  
XRPX Acc No: N2002-368720

**Driving information provision processing system for cars, sets up driving condition of vehicle, based on driving environment information stored in inserted IC card**

Patent Assignee: HITACHI LTD (HITA)  
Inventor: ITO A; TOYAMA A; YOSHIOKA T

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002120670	A	20020423	JP 2000312385	A	20001012	200250	B

Priority Applications (no., kind, date): JP 2000312385 A 20001012

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2002120670	A	JA	25	11	

#### Alerting Abstract JP A

**NOVELTY** - An IC **card** stores the driving environment information of a **vehicle** setup by an operator. The **vehicle** is started only when the authentication number input to the **vehicle**-mounted apparatus corresponds to the authentication number of the inserted IC **card**. The driving environment condition of the **vehicle** is setup based on the information stored on the IC **card**.

**DESCRIPTION** - An **INDEPENDENT CLAIM** is included for driving information processing method.

**USE** - For motor **vehicles** such as **car**.

**ADVANTAGE** - The driving condition of the motor **vehicles** can be determined efficiently, by reading the IC **card** inserted into the **vehicle**.

**DESCRIPTION OF DRAWINGS** - The figure shows the process diagram of the driving **information** processing **system**. (Drawing includes non-English language text).

**Title Terms /Index Terms/Additional Words:** DRIVE; INFORMATION; PROVISION; PROCESS; SYSTEM; CAR; SET; UP; CONDITION; **VEHICLE**; BASED; ENVIRONMENT; STORAGE; INSERT; IC; **CARD**

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
B60R-016/02			Main		"Version 7"
<b>G06F-017/60</b>			Secondary		"Version 7"

File Segment: EngPI; EPI;  
DWPI Class: T01; Q17  
Manual Codes (EPI/S-X): T01-J05A

9/5/3 (Item 1 from file: 347) [Links](#)

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08409150 **\*\*Image available\*\***

**SYSTEM AND METHOD FOR SUPPORTING ROAD MANAGEMENT JOB**

**Pub. No.:** 2005-157410 [JP 2005157410 A ]

**Published:** June 16, 2005 (20050616)

**Inventor:** KITAMURA TADAAKI

TAKAHASHI KAZUNORI

SATO YOSHITO

SHIMA TAKESHI

KANI AKIO

**TOYAMA ATSUYA**

IINO TAKAYUKI

KONDO TETSUHIRO

**Applicant:** HITACHI LTD

**Application No.:** 2003-319918 [JP 2003319918]

**Filed:** September 11, 2003 (20030911)

**International Class:** G08G-001/13; G01C-021/00; **G06F-017/60**

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To efficiently collect road information such as an accident from general people by using a portable telephone set with GPS or a communication-type car navigation system.

SOLUTION: When a user of a traveling **vehicle** detects occurrence of an event such as the accident or a fallen object, the user transmits positional information by GPS and information on the accident or the like to an information collection center 2 by using the portable telephone set with GPS 1 or the communication-type **car navigation system**. The **information** collection center 2 analyzes received data, estimates a position and directs a patrol **vehicle** 3 to take a countermeasure. When transmitted information is correct as a result of the countermeasure, a procedure of acknowledgement is performed from the users who have transmitted the information to a selected user. Thus, much information can speedily be collected, correspondence to the accident and that to the fallen object can speedily be performed and secondary disasters can also be prevented.

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9/5/4 (Item 2 from file: 347) [Links](#)

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07321305 \*\*Image available\*\*

**SYSTEM FOR COLLECTING AUTOMOBILE PROBE INFORMATION, SYSTEM FOR COLLECTING ENVIRONMENTAL INFORMATION AROUND TRAVEL ROUTE AND SYSTEM FOR PROCESSING ENVIRONMENTAL INFORMATION SERVICE AROUND TRAVEL ROUTE**

**Pub. No.:** 2002-189792 [JP 2002189792 A ]

**Published:** July 05, 2002 (20020705)

**Inventor:** YOSHIOKA TATSUO

ITO AKIRO

TOYAMA ATSUYA

**Applicant:** HITACHI LTD

**Application No.:** 2000-386460 [JP 2000386460]

**Filed:** December 20, 2000 (20001220)

**International Class:** G06F-017/60; G08G-001/13

## ABSTRACT

**PROBLEM TO BE SOLVED:** To provide an **automobile probe information** collection **system** capable of accurately obtaining probe information in real time in order to provide accurate road situation in real time.

**SOLUTION:** This system sets a point value in respect of a service to be offered, gives the point value that is received as a consideration to receiving an offered service to a service user who wants to receive the offered service, receives the point value as a consideration the offered service from the service user at the time of offering the service and also gives a point value set preliminarily in accordance with **automobile** probe information provided from a member to the member who provides prescribed **automobile** probe information on the basis of a probe member contract made with the service user who wants to provide the **automobile** probe information.

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Set	Items	Description
S1	469	S AU=(YOSHIOKA T? OR YOSHIOKA, T? OR YOSHIOKA(2N)TATSUO)
S2	536	S AU=(ITO A? OR ITO, A? OR ITO(2N)AKIO)
S3	9	S AU=(TOYAMA A? OR TOYAMA, A? OR TOYAMA(2N)ATSUYA)
S4	2	S S1 AND S2 AND S3
S5	1010	S S1 OR S2 OR S3
S6	13	S S5 AND (INFORMATION(2N)SYSTEM? ?)AND (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)
S7	2	S S6 AND IC=G06F-017/60

; show files

[File 348] **EUROPEAN PATENTS 1978-2007/ 200708**

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*\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] **PCT FULLTEXT 1979-2007/UB=20070301UT=20070222**

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*\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

4/5/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01404139

**SERVICE PROCESSING SYSTEM**

**SYSTEME DE TRAITEMENT DE SERVICES**

**Patent Assignee:**

- **Hitachi, Ltd.;** (204145)  
6 Kanda Surugadai 4-chome; Chiyoda-ku, Tokyo 101-8010; (JP)  
(Applicant designated States: all)

**Inventor:**

- **YOSHIOKA, Tatsuo, HITACHI, Ltd.**  
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- **ITO, Akio, HITACHI, Ltd.**  
6, Kanda Surugadai 4-chome, Chiyoda-ku; Tokyo 101-8010; (JP)
- **TOYAMA, Atsuya, HITACHI, Ltd.**  
6, Kanda Surugadai 4-chome, Chiyoda-ku; Tokyo 101-8010; (JP)

	Country	Number	Kind	Date
	WO	2002005161		20020117
Application	EP	2001949915		20010705
	WO	2001JP5855		20010705
Priorities	JP	2000205783		20000706

**Designated States:**

AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LI; LU; MC; NL; PT; SE; TR;

**Extended Designated States:**

AL; LT; LV; MK; RO; SI;

**International Patent Class (V7):** G06F-017/60

Type	Pub. Date	Kind	Text
Application:	20020313	A1	International application. (Art. 158(1))
Application:	20020313	A1	International application entering European phase
Application:	20030903	A1	International application. (Art. 158(1))
Appl Changed:	20030903	A1	International application not entering European phase
Withdrawal:	20030903	A1	Date application deemed withdrawn: 20030207

Publication: English

Procedural: English



Application: Japanese

Available Text	Language	Update	Word Count
Total Word Count (Document A)			
Total Word Count (Document B)			
Total Word Count (All Documents)			

4/5/2 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00871056

**SERVICE PROCESSING SYSTEM**

**SYSTEME DE TRAITEMENT DE SERVICES**

**Patent Applicant/Patent Assignee:**

- **HITACHI LTD**; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010  
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(For all designated states except: US)
- **YOSHIOKA Tatsuo**; c/o HITACHI, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010  
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(Designated only for: US)
- **ITO Akio**; c/o HITACHI, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010  
JP; JP(Residence); JP(Nationality)  
(Designated only for: US)
- **TOYAMA Atsuya**; c/o HITACHI, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010  
JP; JP(Residence); JP(Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**

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JP(Nationality); (Designated only for: US)
- **ITO Akio**  
c/o HITACHI, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010; JP; JP(Residence);  
JP(Nationality); (Designated only for: US)
- **TOYAMA Atsuya**  
c/o HITACHI, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010; JP; JP(Residence);  
JP(Nationality); (Designated only for: US)

**Legal Representative:**

- **KOBAYASHI Tamotsu(agent)**

8th Floor, Sumito Bldg., 1-5, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032; JP;

	Country	Number	Kind	Date
Patent	WO	200205161	A1	20020117
Application	WO	2001JP5855		20010705
Priorities	JP	2000205783		20000706

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

Publication Language: Japanese

Filing Language: Japanese

Fulltext word count:

**English Abstract:**

A system for a customer at a distant position to receive services from various service providers, to set, change and halt service programs flexibly and to pay them generically. A customer (30) is typically exemplified by a driver who subscribes to or purchases the services from a on-vehicle device (32) or a mobile terminal (33) by using an ID card. One of the services is a personal (or not vehicle-oriented) flexible automobile insurance. At the same time, car-life or other services are provided according to a customer grade. All the payments are done by the debit of prepaid value points of the ID card.

**French Abstract:**

L'invention concerne un systeme permettant a un client de recevoir a distance des services de differents fournisseurs de services, de mettre en place, changer et arreter des programmes de services de maniere flexible et de les payer de facon generique. Un exemple typique de client (30) est un automobiliste qui demande ou achete des services a partir d'un dispositif embarque (32) ou d'un terminal mobile (33) en utilisant une carte d'identification. Un des services est une assurance automobile flexible axee sur la personne et non sur le vehicule. D'autres services sont fournis simultanement, en fonction de la categorie du client. Tous les paiements sont effectues par le debit de points valeur prepayes sur la carte d'identification.

Type	Pub. Date	Kind	Text
Publication	20020117	A1	With international search report.

Examination	20020214		Request for preliminary examination prior to end of 19th month from priority date
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7/5/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01996003

**IDENTIFICATION INFORMATION MANAGING METHOD AND SYSTEM**

VERFAHREN UND SYSTEM ZUR VERWALTUNG VON IDENTIFIKATIONSINFORMATIONEN

SYSTEME ET PROCEDE DE GESTION D'INFORMATIONS D'IDENTIFICATION

**Patent Assignee:**

- **HITACHI, LTD.;** (7080520)  
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(Applicant designated States: all)

**Inventor:**

- **ITO, Atsushi,Systems Development Laboratory**  
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**Legal Representative:**

- **Calderbank, Thomas Roger et al (50122)**  
Mewburn Ellis LLP York House 23 Kingsway; London WC2B 6HP; (GB)

	Country	Number	Kind	Date	
Patent	EP	1734482	A1	20061220	(Basic)
	WO	2005101327		20051027	
Application	EP	2004725157		20040401	
	WO	2004JP4768		20040401	

**Designated States:**

DE; FR; GB;

**Extended Designated States:**

AL; HR; LT; LV; MK;

**International Patent Class (V7):** G07B-001/00 ; G07B-011/00 ; B42D-015/10 ; **G06F-017/60 ; G06K-017/00**

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G07B-0001/00	A	I	F	B	20060101	20061110	H	EP
G07B-0011/00	A	I	L	B	20060101	20061110	H	EP
B42D-0015/10	A	I	L	B	20060101	20061110	H	EP
G06Q-0010/00	A	I	L	B	20060101	20061110	H	EP

G06K-0017/00	A	I	L	B	20060101	20061110	H	EP
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**Abstract EP 1734482 A1**

A ticket system using an IC card includes a terminal, such as an entrance gate, and a server. A ticket incorporates an IC chip having read-only identification information and the server manages a table of the correspondence between identification information printed on the surface of the ticket and identification information the IC chip has and a table of the correspondence between new identification information and old identification information which are accompanied by a reissue. By distributing data of the correspondence tables to a terminal such as an entrance gate, a cheap ticket system capable of performing mechanical processing can be provided.

**Abstract Word Count: 102**

**NOTE: 1**

**NOTE: Figure number on first page: 1**

Type	Pub. Date	Kind	Text
Application:	20051221	A1	International application. (Art. 158(1))
Application:	20051221	A1	International application entering European phase
Application:	20061220	A1	Published application with search report
Examination:	20061220	A1	Date of request for examination: 20061013

Publication: English

Procedural: English

Application: Japanese

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200651	1075
SPEC A	(English)	200651	2607
Total Word Count (Document A) 3682			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 3682			

7/5/2 (Item 2 from file: 348) [Links](#)

EUROPEAN PATENTS

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01297428

**Service supply system**

System zum Bereitstellen von Dienstleistungen

Système de fourniture de services

**Patent Assignee:**

- **Hitachi, Ltd.;** (204145)  
6 Kanda Surugadai 4-chome; Chiyoda-ku, Tokyo 101-8010; (JP)

(Applicant designated States: all)

**Inventor:**

- **Terada, Hirofumi, Hitachi, Ltd., Intel. Prop. Dept**  
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- **Aizono, Takeiki, Hitachi, Ltd., Intel. Prop. Dept**  
New Marunouchi Bldg., 5-1, Marunouchi 1-chome; Chiyoda-ku, Tokyo 100-8220; (JP)
- **Shioya, Makoto, Hitachi, Ltd., Intel. Prop. Dept**  
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- **Sano, Koichi, Hitachi, Ltd., Intel. Prop. Dept**  
New Marunouchi Bldg., 5-1, Marunouchi 1-chome; Chiyoda-ku, Tokyo 100-8220; (JP)
- **Koga, Naoyuki, Hitachi, Ltd., Intel. Prop. Dept**  
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- **Yoshioka, Tatsuo, Hitachi, Ltd., Intel. Prop. Dept**  
New Marunouchi Bldg., 5-1, Marunouchi 1-chome; Chiyoda-ku, Tokyo 100-8220; (JP)

**Legal Representative:**

- **Strehl Schubel-Hopf & Partner (100941)**  
Maximilianstrasse 54; 80538 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1113374	A2	20010704	(Basic)
	EP	1113374	A3	20040414	
Application	EP	2000118532		20000825	
Priorities	JP	99372673		19991228	

**Designated States:**

DE; FR; GB; IT; SE;

**Extended Designated States:**

AL; LT; LV; MK; RO; SI;

**International Patent Class (V7): G06F-017/60Abstract EP 1113374 A2**

The present invention is intended to solve problems of the prior art, i.e., poor ability of supplying merely a portion of entire services, inability of supplying customized services suitable for respective users, and inability of supplying services keeping pace with movements of the user. A service requested from each terminal (101, 102, 103) of a user (100) to an ITS service center (120) is supplied to a user (100) in association with a travel contents company service system (130) and an air line company service system (140) in the ITS service center (120).

**Abstract Word Count: 94**

**NOTE: 1**

**NOTE: Figure number on first page: 1**

Type	Pub. Date	Kind	Text
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Application:	20010704	A2	Published application without search report
Search Report:	20040414	A3	Separate publication of the search report
Examination:	20041201	A2	Date of request for examination: 20041005

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200127	950
SPEC A	(English)	200127	5640
Total Word Count (Document A) 6590			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 6590			

Set	Items	Description
S1	872	S AU=(YOSHIOKA T? OR YOSHIOKA, T? OR YOSHIOKA(2N)TATSUO)
S2	1657	S AU=(ITO A? OR ITO, A? OR ITO(2N)AKIO)
S3	37	S AU=(TOYAMA A? OR TOYAMA, A? OR TOYAMA(2N)ATSUYA)
S4	0	S S1 AND S2 AND S3
S5	2566	S S1 OR S2 OR S3
S6	3	S S5 AND (INFORMATION(2N)SYSTEM? ?)AND (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)
S7	2	S S6 NOT PY>2000
S8	2	RD (unique items)

; show files

[File 2] **INSPEC 1898-2007/Feb W4**

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[File 35] **Dissertation Abs Online 1861-2007/Feb**

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[File 65] **Inside Conferences 1993-2007/Mar 06**

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[File 99] **Wilson Appl. Sci & Tech Abs 1983-2007/Feb**

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[File 474] **New York Times Abs 1969-2007/Mar 06**

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[File 475] **Wall Street Journal Abs 1973-2007/Mar 06**

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[File 583] **Gale Group Globalbase(TM) 1986-2002/Dec 13**

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*\*File 583: This file is no longer updating as of 12-13-2002.*

[File 169] **Insurance Periodicals 1984-1999/Nov 15**

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*\*File 169: This file is closed (no longer updating).*



8/3,K/1 (Item 1 from file: 2) [Links](#)

INSPEC

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06583475 **INSPEC Abstract Number:** C9706-7445-043

**Title:** Tunnel congestion notice equipment

**Author** Ito, A.

**Author Affiliation:** Div. of Traffic Manage. & Control, Yamaguchi Prefecture Police Headquarters, Japan

**Conference Title:** 'Steps Forward'. Proceedings of the Second World Congress on Intelligent Transport Systems '95  
Yokohama **Part** vol.1 **p.** 448-51 **vol.**1

**Publisher:** Vehicle, Road & Traffic Intelligence Soc , Tokyo, Japan

**Publication Date:** 1995 **Country of Publication:** Japan **5 vol.** v+2637 pp.

**Material Identity Number:** XX95-02669

**Conference Title:** Proceedings of 2nd World Congress on Intelligent Transport Systems

**Conference Date:** 9-11 Nov. 1995 **Conference Location:** Yokohama, Japan

**Language:** English

**Subfile:** C

Copyright 1997, IEE

**Author** Ito, A.

8/3,K/2 (Item 2 from file: 2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

INSPEC

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03770486 **INSPEC Abstract Number:** B86069282, C86056301

**Title:** Software reliability of Information Network

**Author** Ito, A.

**Author Affiliation:** NEC Corp., Tokyo, Japan

**Journal:** Journal of the Institute of Electronics and Communication Engineers of Japan **vol.**69, **no.**1 **p.** 28-32

**Publication Date:** Jan. 1986 **Country of Publication:** Japan

**CODEN:** IECJAJ **ISSN:** 0373-6121

**Language:** Japanese

**Subfile:** B C

**Author** Ito, A.

**Abstract:** ...localize the fault in the DB/DC system; the task recovery routine; checkpoint restart; and automatic system restart.

**Identifiers:** ...Information Network Systems; ... automatic system restart

Set	Items	Description
S1	1	S AU=(YOSHIOKA T? OR YOSHIOKA, T? OR YOSHIOKA(2N)TATSUO)
S2	6	S AU=(ITO A? OR ITO, A? OR ITO(2N)AKIO)
S3	0	S AU=(TOYAMA A? OR TOYAMA, A? OR TOYAMA(2N)ATSUYA)
S4	0	S S1 AND S2 AND S3
S5	7	S S1 OR S2 OR S3
S6	0	S S5 AND (INFORMATION(2N)SYSTEM? ?)AND (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)
S7	7	S S5 NOT PY>2000
S8	7	RD (unique items)

; show files

[File 9] **Business & Industry(R)** Jul/1994-2007/Mar 05  
(c) 2007 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Mar 05  
(c) 2007 The Gale Group. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Feb 23  
(c) 2007 The Gale Group. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Mar 05  
(c) 2007 The Gale Group. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2007/Mar 05  
(c) 2007 The Gale Group. All rights reserved.

[File 160] **Gale Group PROMT(R)** 1972-1989  
(c) 1999 The Gale Group. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Feb 23  
(c)2007 The Gale Group. All rights reserved.

[File 256] **TecInfoSource** 82-2007/Oct  
(c) 2007 Info.Sources Inc. All rights reserved.

[File 625] **American Banker Publications** 1981-2007/Mar 06  
(c) 2007 American Banker. All rights reserved.

[File 637] **Journal of Commerce** 1986-2007/Mar 08  
(c) 2007 Commonwealth Bus. Media. All rights reserved.

[File 485] **Accounting & Tax DB** 1971-2007/Feb W4  
(c) 2007 ProQuest Info&Learning. All rights reserved.

8/3,K/1 (Item 1 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
01333551 **Supplier Number:** 08431244  
**Code generators.**

Lewis, Ted; Funkhouser, Glenn; Lou, Kit Hung; **Ito, Atsushi**; Bahlke, Rolf  
IEEE Software , v7 , n3 , p67(4)  
May , 1990  
ISSN: 0740-7459  
**Language:** ENGLISH **Record Type:** ABSTRACT  
...**Ito, Atsushi**

8/3,K/2 (Item 2 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
01273762 **Supplier Number:** 07130678  
**Escort: an environment for specifying communication requirements. (Kokusai Denshin Denwa Co.'s prototype for the development of telecommunications software) (technical)**

Wakahara, Yasushi; Kakuda, Yoshiaki; **Ito, Atsushi**; Utsunomiya, Eiji  
IEEE Software , v6 , n2 , p38(6)  
March , 1989  
**Document Type:** technical  
ISSN: 0740-7459  
**Language:** ENGLISH **Record Type:** ABSTRACT  
...**Ito, Atsushi**

8/3,K/3 (Item 3 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
01052468 **Supplier Number:** 00552147  
**On a Measurement of the Tensor Permeability of Ferrite Using Faraday Rotation.**

**Ito, A.**; Ohkawa, S.; Yamamoto, H.  
IEEE Transactions on Instrumentation & Measurement , vIM-33 , n1 , p26-31  
March , 1984  
ISSN: 0018-9456  
**Language:** ENGLISH **Record Type:** ABSTRACT  
**Ito, A...**

8/3,K/4 (Item 4 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rights reserved.

01012172 **Supplier Number:** 00523231

**Evaluation of Arterial Embolization Therapy for Hepatocellular Carcinoma by Computed Tomography.**

Uchida, H.; Ohishi, H.; Kurosaki, Y.; Ohue, S.; Katsuragi, M.; Matsuo, N.; Otsuji, H.; **Yoshioka, T.**; Hosogi, Y.

Journal of Computed Tomography , v7 , n2 , p215-218

May , 1983

ISSN: 0149-936X

**Language:** ENGLISH **Record Type:** ABSTRACT

...**Yoshioka, T**

8/3,K/5 (Item 1 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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07671295 **Supplier Number:** 16542351 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Plasma (1 to 3)-beta-D-glucan measurement in diagnosis of invasive deep mycosis and fungal febrile episodes.**

Obayashi, Taminori; Yoshida, Minoru; Mori, Takeshi; Goto, Hajime; Yasuoka, Akira; Iwasaki, Hiromichi; Teshima, Hirofumi; Kohno, Shigeru; Horiuchi, Atushi; **Ito, Akira**; Yamaguchi, Hideyo; Shimada, Kaoru; Kawai, Tadashi

Lancet , v345 , n8941 , p17(4)

Jan 7 , 1995

ISSN: 0099-5355

**Language:** ENGLISH

**Record Type:** FULLTEXT; ABSTRACT

**Word Count:** 3554 **Line Count:** 00290

...**Ito, Akira**

8/3,K/6 (Item 2 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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07461067 **Supplier Number:** 16553900

**Research on the mechanism by which dry skin occurs and the development of an effective compound for its treatment.**

Kitamura, K.; Yamada, K.; **Ito, A.**; Fukuda, M.

Japan 21st , v39 , n12 , p47(1)

Dec , 1994

ISSN: 0916-877X

**Language:** ENGLISH .

**Record Type:** ABSTRACT

...**Ito, A**

8/3,K/7 (Item 1 from file: 485) [Links](#)

Accounting & Tax DB

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00705017

**PROFITS ON TECHNICAL TRADING RULES AND TIME-VARYING EXPECTED RETURNS:  
EVIDENCE FROM PACIFIC BASIN EQUITY MARKETS**

**ITO, AKITOSHI**

PH.D. 59-10A pp: 1-154 APR 1998

**Journal Code:** ADAI Accounting & Tax DB\_1971-2007/Feb W4

**ITO, AKITOSHI**

Set	Items	Description
S1	0	S AU=(YOSHIOKA T? OR YOSHIOKA, T? OR YOSHIOKA(2N)TATSUO)
S2	7	S AU=(ITO A? OR ITO, A? OR ITO(2N)AKIO)
S3	1	S AU=(TOYAMA A? OR TOYAMA, A? OR TOYAMA(2N)ATSUYA)
S4	0	S S1 AND S2 AND S3
S5	8	S S1 OR S2 OR S3
S6	0	S S5 AND (INFORMATION(2N)SYSTEM? ?)AND (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)
S7	6	S S5 NOT PY>2000
S8	6	RD (unique items)

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[File 20] **Dialog Global Reporter** 1997-2007/Mar 06  
(c) 2007 Dialog. All rights reserved.

[File 15] **ABI/Inform(R)** 1971-2007/Mar 06  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 610] **Business Wire** 1999-2007/Mar 06  
(c) 2007 Business Wire. All rights reserved.  
*\*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 810] **Business Wire** 1986-1999/Feb 28  
(c) 1999 Business Wire . All rights reserved.

[File 476] **Financial Times Fulltext** 1982-2007/Mar 06  
(c) 2007 Financial Times Ltd. All rights reserved.

[File 613] **PR Newswire** 1999-2007/Mar 06  
(c) 2007 PR Newswire Association Inc. All rights reserved.  
*\*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 813] **PR Newswire** 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 634] **San Jose Mercury** Jun 1985-2007/Mar 04  
(c) 2007 San Jose Mercury News. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2007/Mar 06  
(c) 2007 McGraw-Hill Co. Inc. All rights reserved.  
*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

8/3,K/1 (Item 1 from file: 15) [Links](#)

ABI/Inform(R)

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02010761 52079191

**Is the Americans with Disabilities Act exportable? Disability rights in international perspective**

Herr, Stanley S; Ito, Akiko; Weber, Mark C

American Society of International Law. Proceedings of the Annual Meeting pp: 332-341

1999

ISSN: 0272-5037 Journal Code: ILP

Word Count: 5367

...Ito, Akiko

8/3,K/2 (Item 2 from file: 15) [Links](#)

ABI/Inform(R)

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01971193 48055946

**A note on self-modifying finite automata**

Wang, Y; Inoue, K; Ito, A; Okazaki, T

Information Processing Letters v72n1,2 pp: 19-24

Oct 29, 1999

ISSN: 0020-0190 Journal Code: IPL

...Ito, A

8/3,K/3 (Item 3 from file: 15) [Links](#)

ABI/Inform(R)

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00954393 96-03786

**Research on the mechanism by which dry skin occurs and the development of an effective compound for its treatment**

Kitamura, K; Yamada, K; Ito, A; Fukuda, M

Japan 21st v39n12 pp: 47

Dec 1994

ISSN: 0300-4341 Journal Code: BJP

...Ito, A

8/3,K/4 (Item 4 from file: 15) [Links](#)

ABI/Inform(R)

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00643655 92-58595

**A Relationship Between Nondeterministic Turing Machines and 1-Inkdot Turing Machines with Small Space**

Inoue, Katsushi; **Ito, Akira**; Takanami, Itsuo  
Information Processing Letters v43n4 pp: 225-227  
Sep 28, 1992  
**ISSN: 0020-0190 Journal Code: IPL**  
...**Ito, Akira**

8/3,K/5 (Item 5 from file: 15) [Links](#)  
ABI/Inform(R)  
(c) 2007 ProQuest Info&Learning. All rights reserved.  
00383103 87-41937  
**Prototyping System for Telecommunications Software Based on Abstract Execution of Requirements Specifications**

Wakahara, Yasushi; **Ito, Atsushi**  
Computer Networks & ISDN Systems v13n2 pp: 119-128  
1987  
**ISSN: 0376-5075 Journal Code: CNI**  
...**Ito, Atsushi**

8/3,K/6 (Item 6 from file: 15) [Links](#)  
ABI/Inform(R)  
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00126152 80-20203  
**Promotion of Information Science Research in Japan**

**Toyama, Atsuko**; Nakayama, Kazuhiko; Oikawa, Akifumi  
Information Processing & Management v16n4,5 pp: 199-222  
1980  
**ISSN: 0306-4573 Journal Code: IPM**  
**Toyama, Atsuko...**



Set	Items	Description
S1	3317	S (PROVIDER? ? OR SUPPL??? OR DEALER? OR VENDOR? ? OR SELLER? ? OR CONTRACT?R? ?) (5N) (DATA() (TECHNOLOGY OR SYSTEM? ? OR PROCESSING OR SERVICES) OR COMPUTER(3N) (BASE? OR GENERAT??? OR PROVID???))
S2	2104548	S INSURANCE? ? OR REFUEL??? OR GAS OR CONVENIENCE() STORE OR (CAR? ? OR AUTO? ? OR TRUCK? ? OR VEHICLE? ?) (2N) (REPAIR OR SERVICE OR LEASE OR RENT) OR TRAVEL??? OR SIGHT() SEEING OR TRAVEL() AGEN? OR MAP? ? OR TICKET? ? OR EVENT? ? OR TRAFFIC OR INFORMATION(2N) (PROVIDER OR SERVICE? ? OR PRODUCT? ?) OR AUTO(2N) SERVICE? ? OR CAR(4N) SERVICE? ?
S3	1934766	S AUTOMOBILE? OR AUTOMOTIVE OR AUTO OR AUTOS OR VEHICLE? OR CAR OR CARS OR TRUCK? ? OR PICKUP? ? OR VAN OR VANS
S4	3453715	S MULTITUD? OR MANY OR PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MULTI OR NUMEROUS OR (LARGE OR UNUSUAL) () (NUMBER OR QUANTIT??? OR AMOUNT? ?) OR MORE() THAN() ONE
S5	48373	S (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) (VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S6	70461	S (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR SUBSCRIBER? ? OR ENROLEE? ? OR PARTICIPANT? ? OR PARTICIPAT?R? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?) (5N) (GENERAT??? OR ACCOMPLISH? OR BRING() ABOUT OR CREATE? OR INITIAT?) OR SELF() SERVICE
S7	336281	S S2 AND S4
S8	299	S S1 AND S7
S9	44	S S8 AND S3
S10	1	S S9 AND S5
S11	712	S S1 AND S2
S12	79	S S11 AND S3
S13	1	S S12 AND S5
S14	500	S S6 AND S5
S15	51	S S14 AND S3
S16	20	S S15 AND S2
S17	9	S S16 AND IC=G06F?
S18	0	S (INFORMATION(2N) SYSTEM? ?) (2N) SERVICE? ? AND IN() (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) (VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S19	0	S ((INFORMATION(2N) SYSTEM? ?) (2N) SERVICE? ?) AND (IN() (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)) AND ((POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) (VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?))
S20	49	S ((INFORMATION(2N) SYSTEM? ?) (2N) SERVICE? ?) AND (IN() (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?))
S21	25	S S20 AND IC=G06F?
S22	0	S S21 AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)
S23	0	S S22 AND (SERVICE? ? OR PRODUCT? ?)
S24	128	S S2 AND S14
S25	0	S SS24 AND S3
S26	0	S (SERVICE(2N) SYSTEM) AND (IN() (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) ((PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?) (5N) (GENERAT??? OR ACCOMPLISH?))
S27	3	S (SERVICE OR INFORMATION(2N) SYSTEM) AND (IN() (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) ((PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?) (5N) (GENERAT??? OR ACCOMPLISH?))
S28	45	S (SERVICE OR INFORMATION(2N) SYSTEM) AND (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) ((PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?) (5N) (GENERAT??? OR ACCOMPLISH?))
S29	45	S S27 OR S28
S30	35	S S29 AND IC=G06F?
S31	35	IDPAT (sorted in duplicate/non-duplicate order)
S32	35	IDPAT (primary/non-duplicate records only)
S33	25	S S32 AND IC=(G06F-017/60 OR G08G-001/00 OR G06Q-030/00)
S34	25	S S32 AND IC=G06F-017/60

S35 1338 S ((SERVICE OR INFORMATION AND SYSTEM) AND (CAR? ? OR AUTO? OR VEHICLE? ?  
 OR TRUCK? ?) AND (POINT? ?) AND (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR  
 PERSON? ? OR DRIVER? ? OR OPERATOR? ?)AND (OFFER OR VALUE)  
 S36 1203 S ((SERVICE OR INFORMATION) AND SYSTEM) AND (CAR? ? OR AUTO? OR VEHICLE? ?  
 OR TRUCK? ?) AND (POINT? ?) AND (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR  
 PERSON? ? OR DRIVER? ? OR OPERATOR? ?)AND (OFFER OR VALUE)  
 S37 385 S S35 AND IC=G06F-017/60  
 S38 348 S S36 AND IC=G06F-017/60  
 S39 19 S S38 NOT PD>2000  
 S40 19 S S39 NOT AC>2000  
 S41 19 IDPAT (sorted in duplicate/non-duplicate order)  
 S42 17 IDPAT (primary/non-duplicate records only)  
 S43 890 S ((SERVICE OR INFORMATION) AND SYSTEM)(30N)(CAR? ? OR AUTO? OR VEHICLE? ?  
 OR TRUCK? ?) AND (POINT? ?) AND (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR  
 PERSON? ? OR DRIVER? ? OR OPERATOR? ?)AND (OFFER OR VALUE)  
 S44 278 S S43 AND IC=G06F-017/60  
 S45 15 S S44 NOT PD>2000  
 S46 15 S S45 NOT AC>2000  
 S47 15 S S45 OR S46

? show files

[File 350] **Derwent WPIX** 1963-2006/UD=200716

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*\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.*

[File 347] **JAPIO** Dec 1976-2006/Nov(Updated 070228)

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10/5/1 (Item 1 from file: 350) [Links](#)  
Derwent WPIX  
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0011225599 *Drawing available*  
WPI Acc no: 2002-164898/200222  
XRPX Acc No: N2002-125837

**Lease agreement establishment method in vehicle lease system, involves establishing security deposit amount required for vehicle lease products based on rating of lessor**

Patent Assignee: CREDIT ACCEPTANCE CORP (CRED-N); FOSS D A (FOSS-I); MCCLUSKEY K P (MCCL-I); OSTERMAN C M (OSTE-I)

Inventor: FOSS D A; MCCLUSKEY K P; OSTERMAN C M

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CA 2337726	A1	20010829	CA 2337726	A	20010223	200222	B
US 20010034700	A1	20011025	US 2000185944	P	20000229	200222	E
			US 2001789117	A	20010220		

Priority Applications (no., kind, date): US 2001789117 A 20010220; US 2000185944 P 20000229

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
CA 2337726	A1	EN	31	12		
US 20010034700	A1	EN			Related to Provisional	US 2000185944

**Alerting Abstract CA A1**

NOVELTY - **Vehicle lease** products for the lessor are identified and are categorized into two likelihood of **lease** success classes. **Vehicle lease** products are selected and an application for selected **vehicle lease** product, is submitted to the lessor. The lessee is rated into risk categories. Security deposit amount required for **vehicle lease** products, is established based on the rating.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- A. Computer implemented method for leasing a vehicle owned by a **seller** to a lessor;
- B. **Computer-based** leasing system

USE - In vehicle leasing and customer credit rehabilitation system for **establishing** lease agreement terms between a lessee and a lessor for leasing a vehicle.

ADVANTAGE - The leasing system is fully automated, hence speed of lease approval is increased. Provides the lessee the ability to rehabilitate its credit.

DESCRIPTION OF DRAWINGS - The figure shows the computer system.

**Title Terms /Index Terms/Additional Words:** LEASE; AGREE; ESTABLISH; METHOD; **VEHICLE**; SYSTEM;

SECURE; DEPOSIT; AMOUNT; REQUIRE; PRODUCT; BASED; RATING

**Class Codes**

**International Patent Classification**

<b>IPC</b>	<b>Class Level</b>	<b>Scope</b>	<b>Position</b>	<b>Status</b>	<b>Version Date</b>
G06F-017/60			Main		"Version 7"

US Classification, Issued: 705038000, 705039000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J12C; T01-N01A2E; T05-H05C

17/5/1 (Item 1 from file: 350) [Links](#)  
Derwent WPIX  
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0015363451 *Drawing available*

WPI Acc no: 2005-713719/200573

Related WPI Acc No: 2001-146874; 2005-150582; 2005-262830; 2005-313700; 2005-512030; 2005-713718;  
2005-786392; 2006-432472; 2006-633979

XRPX Acc No: N2005-586250

**On-line search execution method in network computer system, involves tendering partial payment with payment e.g. reward points previously accumulated by user, to purchase desired product from merchant web site**

Patent Assignee: POSTREL R (POST-I)

Inventor: POSTREL R

Patent Family ( 2 patents, 107 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2005091846	A2	20051006	WO 2005US5137	A	20050219	200573	B
US 20050240472	A1	20051027	US 1999140603	P	19990623	200573	E
			US 2000602222	A	20000623		
			US 2003601317	A	20030620		
			US 2004548373	P	20040227		
			US 200561095	A	20050219		

Priority Applications (no., kind, date): US 1999140603 P 19990623; US 2000602222 A 20000623; US 2003601317 A 20030620; US 2004548373 P 20040227; US 200561095 A 20050219

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2005091846	A2	EN	58	11		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
US 20050240472	A1	EN			Related to Provisional	US 1999140603
					Continuation of application	US 2000602222
					C-I-P of application	US 2003601317
					Related to Provisional	US 2004548373
					Continuation of patent	US 6594640

### Alerting Abstract WO A2

NOVELTY - A search term entered by user from a user computing device, is transmitted to search engine web site over computer network. The web pages matching with search term, are searched based on search criteria and links to web pages are returned to user. A partial payment is tendered with **payment** e.g. reward **points** previously accumulated by user, to purchase a desired product from merchant web site associated with selected link.

USE - For executing on-line search over networked computer system e.g. internet for obtaining **product information**, offers of rewards e.g. reward points, rebates, cash equivalent tender and discount coupons provided during consumer and business transactions in airlines, hotels, **car** rental companies, chain retailers and telecom providers, cash, debit card and credit card and for using reward components for purchasing products e.g. digital versatile disk (DVD) player, food products such as hamburger and soda, flower, concert **ticket** and jewelry and service e.g. landscaping, limousine transport, hotel room rental and timeshare rental services in electronic-commerce (ecommerce) applications.

ADVANTAGE - Allows user to obtain **product information** from search engine and pay for found products with reward points.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram explaining search engine process.

**Title Terms** /Index Terms/Additional Words: LINE; SEARCH; EXECUTE; METHOD; NETWORK; COMPUTER; SYSTEM; PAY; REWARD; POINT; ACCUMULATE; USER; PURCHASE; PRODUCT; MERCHANT; WEB; SITE

### Class Codes

#### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G01F; G06F-017/60			Main		"Version 7"

US Classification, Issued: 705014000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2; T01-N03A2

17/5/2 (Item 2 from file: 350) [Links](#)

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0013241117 *Drawing available*

WPI Acc no: 2003-326230/200331

**System and method for managing reverse vehicle insurance**

Patent Assignee: LEE S Y (LEES-I)

Inventor: LEE S Y

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2002094140	A	20021218	KR 200132561	A	20010611	200331	B

Priority Applications (no., kind, date): KR 200132561 A 20010611

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2002094140	A	KO	1	10	

**Alerting Abstract KR A**

NOVELTY - A system and a method for managing the reverse **vehicle insurance** are provided to make a service user conveniently purchase a **vehicle** by offering the money corresponding to the service points of the service user as the purchase money.

DESCRIPTION - A service providing device(10) is connected with many member companies(20), an investment company(30), an **insurance** company(40) and an investment company. The member company provides service **points** corresponding to the **amount** of the consumption to the service user. The service providing device sums up the service points of the service **user** and **generates** a point pool. The service providing device invests the service points to increase the points via the investment company. The profits generated from the investment are added to the point pool. The service providing device distributes the points as a reverse point to the service user. When the service user purchases the **vehicle**, a portion of the purchase money outputted based on the service points is generated by the **insurance** company.

**Title Terms /Index Terms/Additional Words:** SYSTEM; METHOD; MANAGE; REVERSE; **VEHICLE**; **INSURANCE**

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A2E; T01-N01A2F

17/5/3 (Item 3 from file: 350) [Links](#)

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0012890847 *Drawing available*

WPI Acc no: 2002-750319/200281

XRPX Acc No: N2002-590981

**Payments provision method for insurance policies, involves linking insurance account to credit card account**

Patent Assignee: THOMAS J C (THOM-I)

Inventor: THOMAS J C

Patent Family ( 4 patents, 98 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020138309	A1	20020926	US 2001278290	P	20010323	200281	B
			US 2001927296	A	20010810		
WO 2002077771	A2	20021003	WO 2002US9156	A	20020325	200281	E
AU 2002252501	A1	20021008	AU 2002252501	A	20020325	200432	E
AU 2002252501	A8	20051013	AU 2002252501	A	20020325	200616	E

Priority Applications (no., kind, date): US 2001278290 P 20010323; US 2001927296 A 20010810

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020138309	A1	EN	11	5	Related to Provisional	US 2001278290
WO 2002077771	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
AU 2002252501	A1	EN			Based on OPI patent	WO 2002077771
AU 2002252501	A8	EN			Based on OPI patent	WO 2002077771

**Alerting Abstract US A1**

NOVELTY - An **insurance** account is linked with a credit card account. The **insurance** account is credited each time a charge is made to the credit card account.

DESCRIPTION - An INDEPENDENT CLAIM is included for data processing system.

USE - For providing **payments** for **insurance** policies using **credit** card account.

ADVANTAGE - Allows **insurance** companies to empower current and new customers with credit card rebates applied to health care benefits, by linking **insurance** account to credit card account.

DESCRIPTION OF DRAWINGS - The figure shows the collaboration diagram depicting interactions between a user and account management web site.

**Title Terms /Index Terms/Additional Words:** PROVISION; METHOD; **INSURANCE**; LINK; ACCOUNT; CREDIT; CARD

**Class Codes**

## International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F; G06F-017/60			Main		"Version 7"

US Classification, Issued: 705004000

File Segment: EPI;

DWPI Class: S05; T01; T05; W01

Manual Codes (EPI/S-X): S05-G02G2; T01-N01A1; T01-N01A2F; T05-L01D; T05-L02; W01-A

17/5/4 (Item 4 from file: 350) [Links](#)

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0012731928 *Drawing available*

WPI Acc no: 2002-584300/200263

XRPX Acc No: N2002-463394

**Improved loyalty link apparatus for integrating customer information with dealer management information to exchange customer and vehicle data between system and kiosks**

Patent Assignee: HIMES S G (HIME-I); REYNOLDS & REYNOLDS HOLDINGS INC (REYN-N)

Inventor: HIMES S G

## Patent Family ( 8 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CA 2364188	A1	20020529	CA 2364188	A	20011129	200263	B
CA 2328030	A1	20020529	CA 2328030	A	20001212	200263	E
US 20020123933	A1	20020905	US 2000725080	A	20001129	200265	E
			US 2001983174	A	20011023		
US 20030191660	A1	20031009	US 2000725080	A	20001129	200367	E
			US 2003403448	A	20030331		
US 20040002921	A1	20040101	US 2001983174	A	20011023	200402	E
			US 2003461218	A	20030613		
US 6901374	B1	20050531	US 2000725080	A	20001129	200536	E
US 7016854	B2	20060321	US 2000725080	A	20001129	200621	E
			US 2001983174	A	20011023		
CA 2328030	C	20061121	CA 2328030	A	20001212	200677	E

Priority Applications (no., kind, date): US 2000725080 A 20001129; US 2001983174 A 20011023; US 2003403448

A 20030331; US 2003461218 A 20030613

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
CA 2364188	A1	EN	71	6		
CA 2328030	A1	EN				
US 20020123933	A1	EN			C-I-P of application	US 2000725080
US 20030191660	A1	EN			Continuation of application	US 2000725080
US 20040002921	A1	EN			Continuation of application	US 2001983174
US 7016854	B2	EN			C-I-P of application	US 2000725080
					C-I-P of patent	US 6901374
CA 2328030	C	EN				

**Alerting Abstract CA A1**

NOVELTY - A card (110) with customer and **vehicle** information is inserted into a card reader (120) and a terminal (130) has software to read and process the information so that a customer may access a service area (140) if the user **car** needs **repair** or may use an early-bird drop-off area (150). The customer can also access a sales area (160) using a touch-screen (165), a keyboard (170) or a mouse (180) and the software **generates** a recommendation based on **customer** and management system data.

DESCRIPTION - INDEPENDENT CLAIMS are included for a system integration method, for a machine readable medium with instructions and for a smart card system.

USE - Integrating customer information with **vehicle** dealer management information.

ADVANTAGE - Improved speed and accuracy of processing customers.

DESCRIPTION OF DRAWINGS - The drawing shows the apparatus

110 Card

120 Reader

130 Terminal

140 Service area

160 Sales area

**Title Terms** /Index Terms/Additional Words: IMPROVE; LINK; APPARATUS; INTEGRATE; CUSTOMER; INFORMATION; DEAL; MANAGEMENT; EXCHANGE; **VEHICLE**; DATA; SYSTEM; KIOSK

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-0003/08	A	I		R	20060101
G06K-0019/07	A	I		R	20060101
G06Q-0010/00	A	I		R	20060101
G06Q-0030/00	A	I		R	20060101
G06F-0017/30	A	I	L		20060101
G06F-0017/60	A	I	F		20051231

G06F-0019/00	A	I	L		20060101
G06K-0019/06	A	I	L		20060101
G06Q-0010/00	A	I	L		20060101
G06Q-0030/00	A	I	L		20060101
H04L-0012/16	A	I	L		20060101
G06F-0003/08	C	I		R	20060101
G06Q-0010/00	C	I		R	20060101
G06Q-0030/00	C	I		R	20060101
G06K-0019/07	C	I		R	20060101

US Classification, Issued: 705017000, 705014000, 705016000, 705001000, 705065000, 705014000, 705001000, 705064000, 705072000

File Segment: EPI;

DWPI Class: T01; T04; T05

Manual Codes (EPI/S-X): T01-C01; T01-J05A; T04-K02; T05-H02C5C; T05-L01B

17/5/5 (Item 5 from file: 350) [Links](#)

Derwent WPIX

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0009815662 *Drawing available*

WPI Acc no: 2000-106159/200009

XRPX Acc No: N2000-081520

**Internet connected distributed payment system for implementing secure electronic commercial transactions in banks etc.**

Patent Assignee: PROTX LTD (PROT-N)

Inventor: DOWNS I; SLATER C C A

Patent Family ( 10 patents, 84 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1999066436	A1	19991223	WO 1999GB1886	A	19990618	200009	B
AU 199945178	A	20000105	AU 199945178	A	19990618	200024	E
NO 200006449	A	20010117	WO 1999GB1886	A	19990618	200115	E
			NO 20006449	A	20001218		
EP 1097425	A1	20010509	EP 1999928049	A	19990618	200128	E
			WO 1999GB1886	A	19990618		
CZ 200004781	A3	20010815	WO 1999GB1886	A	19990618	200157	E
			CZ 20004781	A	19990618		
BR 199912173	A	20011120	BR 199912173	A	19990618	200202	E
			WO 1999GB1886	A	19990618		

CN 1313973	A	20010919	CN 1999809823	A	19990618	200202	E
HU 200103385	A2	20020128	WO 1999GB1886	A	19990618	200222	E
			HU 20013385	A	19990618		
JP 2002518749	W	20020625	WO 1999GB1886	A	19990618	200243	E
			JP 2000555191	A	19990618		
MX 2000012708	A1	20020401	WO 1999GB1886	A	19990618	200363	E
			MX 200012708	A	20001218		

Priority Applications (no., kind, date): US 199889825 P 19980619

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1999066436	A1	EN	70	9		
National Designated States,Original	AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 199945178	A	EN			Based on OPI patent	WO 1999066436
NO 200006449	A	NO			PCT Application	WO 1999GB1886
EP 1097425	A1	EN			PCT Application	WO 1999GB1886
					Based on OPI patent	WO 1999066436
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
CZ 200004781	A3	CS			PCT Application	WO 1999GB1886
					Based on OPI patent	WO 1999066436
BR 199912173	A	PT			PCT Application	WO 1999GB1886
					Based on OPI patent	WO 1999066436
HU 200103385	A2	HU			PCT Application	WO 1999GB1886
					Based on OPI patent	WO 1999066436
JP 2002518749	W	JA	72		PCT Application	WO 1999GB1886
					Based on OPI patent	WO 1999066436
MX 2000012708	A1	ES			PCT Application	WO 1999GB1886
					Based on OPI patent	WO 1999066436

#### Alerting Abstract WO A1

NOVELTY - Several hubs (16-20) connected by a private network (14), establish secure electronic/digital transactions between the parties including clients (22) and a vendors (24), without direct communication between them. The hubs store client and vendor data including user names, digital certificates, and payment system data.

DESCRIPTION - A trusted third-party registration unit enables secure, private registration of identification,

verification of payment data by clients (22), vendors (24) and payment systems including bank. An account authority function provides registration services with information about each hubs (16-20) supporting respective clients. A generator produces the audit trail of respective electronic/digital transaction, to be available to all the parties. An auto pay function allows the client to identify himself/herself only once for all transactions within a single session, with the vendor. The hubs receive verified instructions from the vendor, related to client, during respective transaction, separately. The hub also restricts private data from being conveyed to respective parties, during processing and completion of the transaction.

USE - The internet connected distributed payment system is used for implementing secure electrode commercial transactions in banks etc.

ADVANTAGE - Enables to secure electronic transactions across the whole transaction range from very small to very large sums, both for immediate or delayed payment settlement and for non-settlement transactions. Enables real-time authenticated electronic transactions with improved security, non-repudiation evidence, micropayment capabilities etc. The system acts as tram track switching system by implementing dual-key identification authorization system. Enables owners of payment system to authorize usage of purchase card by third parties within specified limits, thus enabling them to monitor and control delegated authority, since the system is software and/or hardware independent, it can be implemented by any known networking configuration for any known electronic transaction, using mobile phones, palm tops and digital television implementations for purchases and credit/debit payment arrangements.

DESCRIPTION OF DRAWINGS - The figure shows diagram of internet connected distributed payment system.

16-20 Hubs

22 Clients

24 Vendors

**Title Terms /Index Terms/Additional Words:** CONNECT; DISTRIBUTE; PAY; SYSTEM; IMPLEMENT; SECURE; ELECTRONIC; COMMERCIAL; TRANSACTION; BANK

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T01; T05; W01

Manual Codes (EPI/S-X): T01-H01C2; T01-H07C5E; T01-J05A1; T01-J12C; T05-L01D; W01-A06B7

17/5/6 (Item 6 from file: 350) [Links](#)

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0009124784 *Drawing available*

WPI Acc no: 1999-045081/199904

XRPX Acc No: N1999-032979

**Interactive self service vending system e.g. for insurance policy contract - establishes interactive dialogue between customer and data processing station to judge customer's eligibility based on which guidance for**

17/5/7 (Item 7 from file: 350) [Links](#)

Derwent WPIX

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0008464011 *Drawing available*

WPI Acc no: 1997-425217/199739

XRPX Acc No: N1997-354156

**Authorisation code generation method for credit or service certificates - in which authorisation codes generated for inclusion with value certificates are unique and random, and generated by encrypting non-random unique code**

Patent Assignee: CATALINA MARKETING INT INC (CATA-N)

Inventor: BEACH K W; MERCER G E

Patent Family ( 10 patents, 61 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997030409	A2	19970821	WO 1997US1716	A	19970214	199739	B
AU 199719534	A	19970902	AU 199719534	A	19970214	199751	E
EP 823106	A1	19980211	EP 1997907558	A	19970214	199811	E
			WO 1997US1716	A	19970214		
WO 1997030409	A3	19971016				199815	E
JP 11501753	W	19990209	JP 1997529382	A	19970214	199916	E
			WO 1997US1716	A	19970214		
US 5892827	A	19990406	US 1996663680	A	19960614	199921	E
EP 823106	B1	20011010	EP 1997907558	A	19970214	200167	E
			WO 1997US1716	A	19970214		
DE 69707218	E	20011115	DE 69707218	A	19970214	200176	E
			EP 1997907558	A	19970214		
			WO 1997US1716	A	19970214		
CA 2217764	C	20020122	CA 2217764	A	19970214	200216	E
			WO 1997US1716	A	19970214		
ES 2165026	T3	20020301	EP 1997907558	A	19970214	200229	E

Priority Applications (no., kind, date): US 199611708 P 19960215; US 1996663680 A 19960614

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1997030409	A2	EN	30	5		
National Designated States,Original	AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN					

G06F-017/60; G07D-007/00; G07G-001/00; H04L-009/00			Main		"Version 7"
G07B-011/00; G07F-007/10; G07G-005/00; H04M-003/42			Secondary		"Version 7"

US Classification, Issued: 380024000, 380051000, 705014000, 705001000, 340825340

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-D01; T01-J05A; T05-L01

17/5/8 (Item 8 from file: 350) [Links](#)

Derwent WPIX

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0005189175 *Drawing available*

WPI Acc no: 1990-180072/199024

XRPX Acc No: N1990-139969

**Automatic vending or service charging machine - checks data printed on credit card with data held in protected memory to prevent fraud**

Patent Assignee: SCHEIDT & BACHMANN GMBH (SCHE-N)

Inventor: CRYNEN N; JENDGES H; JENDGES H G; JRYNEN N; MILLER G

Patent Family ( 3 patents, 9 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 372103	A	19900613	EP 1988120253	A	19881205	199024	B
US 5055657	A	19911008	US 1989387018	A	19890728	199143	E
CA 1319753	C	19930629	CA 608228	A	19890814	199332	E

Priority Applications (no., kind, date): EP 1988120253 A 19881205

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 372103	A	EN			
Regional Designated States, Original		AT CH DE FR GB LI NL			
CA 1319753	C	EN			

**Alerting Abstract EP A**

The automatic machine incorporates a microprocessor (16) coupled via a data line to a central processor at a remote point and a banknote checking device with a dispensed credit card printed with machine-readable and visible



characters indicating the **credit value**, the dispensing **point** and the time and date.

The printed data is held in a memory (16a) coupled to a data-protected memory within the central processor via the data line, with comparison of the stored data with the data read from the card.

USE - For automatic car parking facility, or self- service garage fuel pump. @ (8pp Dwg.No.2/2)@

**Title Terms /Index Terms/Additional Words:** AUTOMATIC; VENDING; SERVICE; CHARGE; MACHINE ;  
CHECK; DATA; PRINT; CREDIT; CARD; HELD; PROTECT; MEMORY; PREVENT; FRAUD

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G07F-007/04			Main		"Version 7"
G06F-007/08; G07F-007/10			Secondary		"Version 7"

US Classification, Issued: 235381000, 902018000

File Segment: EPI;

DWPI Class: T05; X25

Manual Codes (EPI/S-X): T05-H02; T05-H05; T05-L; X25-F03

17/5/9 (Item 9 from file: 350) [Links](#)

Derwent WPIX

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0005075948 *Drawing available*

WPI Acc no: 1990-060166/199009

**Self-service cash-point for sales or service units - has number of cash magazines identified by memory modules to prevent manipulation**

Patent Assignee: SCHEIDT & BACHMANN GMBH (SCHE-N)

Inventor: KIRBERG B

##### Patent Family ( 5 patents, 9 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 355238	A	19900228	EP 1988710022	A	19880825	199009	B
US 5056643	A	19911015	US 1991662331	A	19910225	199144	E
EP 355238	B1	19930728	EP 1988710022	A	19880825	199330	E
CA 1320273	C	19930713	CA 608917	A	19890821	199334	E
DE 3882706	G	19930902	DE 3882706	A	19880825	199336	E
			EP 1988710022	A	19880825		

34/5/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0015920425 *Drawing available*

WPI Acc no: 2006-452064/200646

**Method for offering additional service enabling person except or fixed by user to use points generated by using credit card**

Patent Assignee: UNIONLINE CO LTD (UNIO-N)

Inventor: KIM M H

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2005062488	A	20050623	KR 200546439	A	20050531	200646	B

Priority Applications (no., kind, date): KR 200439399 A 20040531

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2005062488	A	KO		1	

**Alerting Abstract KR A**

NOVELTY - A method for offering an additional **service** enabling a person except or fixed by a **user** to use **points generated** by using a **credit card** is provided to offer the additional **service** of a high sensitivity, and enable a class shunned from use of the **credit card** to easily and clearly perform economical activity, according to use of the points.

DESCRIPTION - If a **card** issuance request is received from a member through the network, the member selects a benefit receiver to use the point(S10). Member information of the benefit receiver is obtained/inputted to a server(S20). A ledger is generated by the member information and input contents of a certificate by issuing the certificate in case that no reason for disqualification is generated(S40). A point condition is issued to the benefit receiver based on the contents of the ledger and point use particulars of the benefit receiver are inputted/managed by a member shop(S50).

**Title Terms /Index Terms/Additional Words:** METHOD; OFFER; ADD; **SERVICE**; ENABLE; PERSON; FIX; USER; POINT; GENERATE; CREDIT; **CARD**

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T05  
Manual Codes (EPI/S-X): T05-H02C3; T05-L01X

34/5/2 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0015374850 *Drawing available*

WPI Acc no: 2005-718738/200574

XRPX Acc No: N2005-590562

**Point service system for credit card payment, generates privilege points, when payment information is received from automatic teller machine and cashing maturity date is repaid earlier than registered payment day**

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)

Inventor: OYU K

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2005284612	A	20051013	JP 200496320	A	20040329	200574	B

Priority Applications (no., kind, date): JP 200496320 A 20040329

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2005284612	A	JA	11	8	

#### Alerting Abstract JP A

NOVELTY - A server (3) registers the loan information and payment information based on cashing information of a **customer**, in a database (30). A **generation** unit **generates** privilege **points** to the **customer**, when payment information is received from an **automatic** teller machine (ATM) (2) and cashing maturity date is repaid earlier than the registered payment day, and transmits to the ATM.

USE - For providing points to customer, for performing payment or withdrawal using credit **card**.

ADVANTAGE - Promotes superior customer's enclosure by giving the **service** according to the possessed points, and motivates the customer by early repayment. Also, delinquent tax payer is reduced.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the point **service** system. (Drawing includes non-English language text).

1 **card**

2 **automatic** teller machine

3 server

4 network

30 database

**Title Terms /Index Terms/Additional Words:** POINT; **SERVICE**; SYSTEM; CREDIT; **CARD**; PAY; GENERATE; INFORMATION; RECEIVE; **AUTOMATIC**; TELLER; MACHINE; CASH; MATURE; DATE; EARLY; REGISTER; DAY

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
<b>G06F-017/60</b>			Main		"Version 7"
G07D-013/00; G07F-019/00			Secondary		"Version 7"

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J05B4; T01-N01A1; T05-H02C3; T05-L02; T05-L03A5; T05-L03C

34/5/3 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0015104951 *Drawing available*

WPI Acc no: 2005-454428/200546

**System for processing tax business through automatic sale particulars collection of member shop and inquiring collected sale particulars in real-time, and service method**

Patent Assignee: KOREA CREDIT CARD ELECTRONIC SETTLEMENT (KOCR-N)

Inventor: KIM K R; KIM S B

##### Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2005018923	A	20050228	KR 20058997	A	20050201	200546	B

Priority Applications (no., kind, date): KR 20058997 A 20050201

##### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2005018923	A	KO	1	10	

**Alerting Abstract KR A**

**NOVELTY** - A system for processing tax business through **automatic** sale particulars collection of a member shop

and inquiring collected sale particulars in real-time, and a **service** method thereof are provided to reduce an expense for agency of the tax business, and offer the collected sales information to the member shop and a tax business agent in an ASP(Active Server Pages) mode.

DESCRIPTION - The sales **generated** when a **customer** pays price with a **credit card** or cash by visiting the member shop or a homepage of the member shop are **automatically** collected by a VAN(Value Added Network) provider. The VAN provider offers the collected sales information to the member shop or the tax business agent for the tax business.

**Title Terms /Index Terms/Additional Words:** SYSTEM; PROCESS; TAX; BUSINESS; THROUGH; AUTOMATIC; SALE; COLLECT; MEMBER; SHOP; REAL; TIME; **SERVICE**; METHOD

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A3; T05-H02C3; T05-L02

34/5/4 (Item 4 from file: 350) [Links](#)

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0014978763 *Drawing available*

WPI Acc no: 2005-326607/200534

XRPX Acc No: N2005-267097

**Credit card claim early restoration system for credit affiliated shop, transmits security information to customer terminal, while transmitting securitization commission calculated from claim information to financial institution system**

Patent Assignee: ARAKI N (ARAK-I); NISHIGAYA Y (NISH-I); ONO K (ONOK-I)

Inventor: ARAKI N; NISHIGAYA Y; ONO K

##### Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2005115490	A	20050428	JP 2003346240	A	20031003	200534	B

Priority Applications (no., kind, date): JP 2003346240 A 20031003

##### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes

JP 2005115490	A	JA	8	5	
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#### Alerting Abstract JP A

NOVELTY - A payment server (2) **generates** claim information with respect to **customer credit** information received from a customer terminal (1). A communication unit transmits the security information to the customer terminal, while transmitting securitization commission calculated from claim **information** to a **system** (4) of financial institution.

USE - For early restoration of credit **card** claim at payment system of credit affiliated shop.

ADVANTAGE - Eliminates protraction of sales credit and enables to reclaim the possibility of credit **card** utilization more.

DESCRIPTION OF DRAWINGS - The figure shows the schematic diagram of credit **card** claim early restoration system.

1 customer terminal

2 payment server

3 total server

4 financial institution system

**Title Terms /Index Terms/Additional Words:** CREDIT; **CARD**; CLAIM; EARLY; RESTORATION; SYSTEM; SHOP; TRANSMIT; SECURE; INFORMATION; CUSTOMER; TERMINAL; COMMISSION; CALCULATE; FINANCIAL; INSTITUTION

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; T05-L01D

34/5/5 (Item 5 from file: 350) [Links](#)

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0014690311 *Drawing available*

WPI Acc no: 2005-037899/200504

XRFX Acc No: N2005-033167

**Customer and/or vehicle information extraction triggering method for use during insurance and/or warranty transactions, involves generating insurance application, and sending approved application to insurance provider**

Patent Assignee: DIEM D (DIEM-I); EDELSTEIN J (EDEL-I); HUMPHREYS R (HUMP-I); KANE P (KANE-I); NEUSTADT M (NEUS-I)

Inventor: DIEM D; EDELSTEIN J; HUMPHREYS R; KANE P; NEUSTADT M

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040243449	A1	20041202	US 2003449958	A	20030530	200504	B

Priority Applications (no., kind, date): US 2003449958 A 20030530

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040243449	A1	EN	12	6	

**Alerting Abstract US A1**

NOVELTY - The method involves extracting data from a dealership management system (104), and transmitting the data to an insurance provider. An insurance application is generated based on the data received from the dealer management system. The insurance application is transmitted to a customer for approval, and the approved insurance application is transmitted to the insurance provider.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- a. an apparatus comprising a processing system
- b. a machine-readable medium having instructions for extracting customer information and transmitting the information for insurance fulfillment.

USE - Used for triggering extraction of customer and/or vehicle information from a dealership's management system **and** transmitting it to an insurance service provider during insurance and/or warranty transactions.

ADVANTAGE - The insurance provider provides insurance confirmation to a dealer upon receipt of an accepted or signed insurance application. A car buyer thus obtains insurance coverage in just **moments** and takes delivery of the vehicle without undue delay.

DESCRIPTION OF DRAWINGS - The drawing shows a front side perspective view of a color coordination kiosk cabinet.

102 Data extraction agent

104 Dealership management system

106 Database interface

108 Customer information database

110 Vehicle information database

**Title Terms /Index Terms/Additional Words:** CUSTOMER; **VEHICLE**; INFORMATION; EXTRACT; TRIGGER; METHOD; INSURANCE; WARRANTY; TRANSACTION; GENERATE; APPLY ; SEND; APPROVE

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
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G06F-017/60			Main		"Version 7"
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US Classification, Issued: 705004000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2J; T01-S03

34/5/6 (Item 6 from file: 350) [Links](#)

Derwent WPIX

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0014424233 *Drawing available*

WPI Acc no: 2004-614440/200459

Related WPI Acc No: 2005-037935

XRPX Acc No: N2004-485802

**Credit management system for telecommunication service provider, has credit decision support analyzing accounting information of telecommunication customer and credit rules engine generating internal scoring and credit limits**

Patent Assignee: HINDERER H (HIND-I); SAP AG (SAPS-N)

Inventor: DOERNER R; HINDERER H; ZADRO R

Patent Family ( 3 patents, 107 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040153396	A1	20040805	US 2003444310	P	20030131	200459	B
			US 2003631211	A	20030731		
WO 2004068377	A2	20040812	WO 2004EP920	A	20040202	200459	E
EP 1593071	A1	20051109	EP 2004707216	A	20040202	200573	E
			WO 2004EP920	A	20040202		

Priority Applications (no., kind, date): US 2003444310 P 20030131; US 2003631211 A 20030731

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040153396	A1	EN	13	7	Related to Provisional	US 2003444310
WO 2004068377	A2	EN				
National Designated States, Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK					



	SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW														
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW														
EP 1593071	A1		EN			PCT Application					WO 2004EP920				
						Based on OPI patent					WO 2004068377				
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR														

#### Alerting Abstract US A1

NOVELTY - The system (100) has credit information manager (102) managing information of credit limit and scoring of a telecommunications customer. A credit limit manager (101) manages limit master data and calculates an open and used credit. A credit decision support (103) analyzes accounting information. A credit rules engine (104) applies rules to produce an internal scoring and limits from the information input into the system.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of **automatically** performing a credit check relating to a telecommunications customer.

USE - Used for managing an information relating to credit of a customer (claimed) of a telecommunication **service** provider.

ADVANTAGE - The system provides **automated** validation of a customer's ability to pay before a sale is made and enables variable credit limit monitoring of a customer across all company branches and sales channels. The system permits a business to analyze and classify customers according to their credit worthiness and provides a flexible tool for calculating a customer's credit rating according to internal rating regulations. The system enables a company to use customer data to manage the customers' credit lines according to the company's credit policy and **automates** the decision process for credit applications. The system supports credit managers handling exceptions in the credit management process. The system enables controlling of credit risk through real-time credit allocation and ongoing monitoring and permits online credit rating check for a fast credit decision. The system reduces effective DSO by reducing payment delays and bad debt and increases revenues with risk free accounts by decreasing the rate of credit refusals. The system reduces transaction costs by **automating** the credit application process and improves customer relationships by concentrating the **service** on profitable customers.

DESCRIPTION OF DRAWINGS - The drawing shows a block diagram of an **automated** credit management system.

100 Credit management system

101 Credit limit manager

102 Credit information manager

103 Credit decision support

104 Credit rules engine

**Title Terms /Index Terms/Additional Words:** CREDIT; MANAGEMENT; SYSTEM; TELECOMMUNICATION; **SERVICE**; DECIDE; SUPPORT; ACCOUNT; INFORMATION; CUSTOMER; RULE; ENGINE; GENERATE; INTERNAL; SCORE; LIMIT

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

US Classification, Issued: 705038000, 705040000

File Segment: EPI;  
DWPI Class: T01; T05  
Manual Codes (EPI/S-X): T01-J05A2E; T01-N01A2A; T05-L01D

34/5/7 (Item 7 from file: 350) [Links](#)  
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0013726031 *Drawing available*  
WPI Acc no: 2003-824028/200377  
XRPX Acc No: N2003-659358

**Accounts settlement system for goods service provision, calculates receivable account for customer from stored credit information based on customer specific information, and changes receivable accounts to financial institution**

Patent Assignee: IDEMITSU GAS & LIFE KK (IDEM-N)  
Inventor: JIGO T; KATO K; TSURUMARU T; UCHIYAMA Y; YOSHIMURA H

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2003303311	A	20031024	JP 2002107091	A	20020409	200377	B

Priority Applications (no., kind, date): JP 2002107091 A 20020409

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2003303311	A	JA	10	8	

#### Alerting Abstract JP A

NOVELTY - A customer option premium calculation unit (18) calculates the receivable account for customer from stored **credit** information, based on **customer** specific information. A **generation** unit (19) generates **automatic** change information for changing the receivable accounts of the customer to a contracted financial institution. DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. accounts settlement method; and
2. accounts settlement program.

USE - For settling accounts through network used in goods dealing.

ADVANTAGE - The procedure for collecting accounts is reduced sharply. The account settlement is performed efficiently by simple process.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the accounts settlement system. (Drawing includes non-English language text).

2 store terminal

4 financial institution terminal

18 customer option premium calculation unit

19 automatic change information generation unit

33 credit-sale information database

**Title Terms /Index Terms/Additional Words:** ACCOUNT; SETTLE; SYSTEM; GOODS; **SERVICE**; PROVISION; CALCULATE; RECEIVE; CUSTOMER; STORAGE; CREDIT; INFORMATION; BASED; SPECIFIC; CHANGE; FINANCIAL; INSTITUTION

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; T01-S03; T05-L02

34/5/8 (Item 8 from file: 350) [Links](#)

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0013615825 *Drawing available*

WPI Acc no: 2003-711170/200367

XRPX Acc No: N2003-568729

**E-commerce transaction service provision method, involves generating personal account number for customer, using which customer performs transaction with point-of-sale terminal**

Patent Assignee: WOO K K M (WOOK-I)

Inventor: WOO K K M

##### Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030154139	A1	20030814	US 2001343228	P	20011231	200367	B
			US 2002334149	A	20021231		

Priority Applications (no., kind, date): US 2001343228 P 20011231; US 2002334149 A 20021231

# Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20030154139	A1	EN	10	4	Related to Provisional	US 2001343228

## Alerting Abstract US A1

NOVELTY - The customer and transaction information are acquired from customer's personal digital assistant (PDA) and merchant device to **generate** personal account number (PAN) for **customer** to perform transaction with **point** of sale (POS) terminal. The POS terminal in connection with a server, authenticates the customer's PAN. Based on the customer and transaction information, the server determines transaction result.

USE - For providing E-commerce and mobile commerce (m-commerce) transaction services.

ADVANTAGE - Improves security of E-commerce transactions by providing personal account number to customer, Inconvenient for customer in entering credit **card** number through key pad of cell phone, personal digital assistant (PDA) is avoided.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining E-commerce transaction between customer and merchant.

**Title Terms /Index Terms/Additional Words:** TRANSACTION; **SERVICE**; PROVISION; METHOD; GENERATE; PERSON; ACCOUNT; NUMBER; CUSTOMER; PERFORMANCE; POINT; SALE; TERMINAL

## Class Codes

### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

US Classification, Issued: 705026000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; T05-L01D; T05-L02

34/5/9 (Item 9 from file: 350) [Links](#)

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0013303272 *Drawing available*

WPI Acc no: 2003-390191/200337

**System for providing cash-back service using multi-card**

Patent Assignee: KOREA ELECTRONIC BANKING TECHNOLOGY CO (KOEL-N)

Inventor: KIM G J

Patent Family ( 1 patents, 1 countries )

Application

KR 2003008771	A	20030129	KR 200143674	A	20010720	200337	B
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Priority Applications (no., kind, date): KR 200143674 A 20010720

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2003008771	A	KO	1	10	

**Alerting Abstract KR A**

**NOVELTY** - A system for providing a cash-back **service** using a multi- **card** is provided to activate the cash-back and increase the buying desire of a user by providing the accumulation money of a constant ratio in the real-time if the **user generates a credit** transaction using a **credit card**.

**DESCRIPTION** - A user terminal(100) includes a **card** reader for reading the multi-**card**(101), and a **credit card** program and an IC **card** program detecting various kinds of information of the **credit card** and updating the remainder information recorded in an IC **card**. A seller server(200) generates the credit transaction according to a buying intention requested from the user terminal(100). A **credit card** businessman server(400) approves the **credit card**. A **service** providing server(300) relays the credit transaction by the **credit card** and accumulates the accumulation money according to the constant ratio of the goods buying amount generated by the credit transaction.

**Title Terms** /Index Terms/Additional Words: SYSTEM; CASH; BACK; **SERVICE**; MULTI; **CARD**

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T01; T04; T05

Manual Codes (EPI/S-X): T01-J05A; T04-K; T05-H02C3; T05-H02C5C

34/5/10 (Item 10 from file: 350) [Links](#)

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0013279697 *Drawing available*

WPI Acc no: 2003-366017/200335

XRPX Acc No: N2003-292341

**Point service system in shop, stores points acquired by customers executing game and urges execution of game based on game execution rights and points applied to customer**

Patent Assignee: YOSHIKAWA T (YOSH-I)

34/5/11 (Item 11 from file: 350) [Links](#)

Derwent WPIX

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0013241117 *Drawing available*

WPI Acc no: 2003-326230/200331

**System and method for managing reverse vehicle insurance**

Patent Assignee: LEE S Y (LEES-I)

Inventor: LEE S Y

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2002094140	A	20021218	KR 200132561	A	20010611	200331	B

Priority Applications (no., kind, date): KR 200132561 A 20010611

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2002094140	A	KO	1	10	

#### Alerting Abstract KR A

NOVELTY - A system and a method for managing the reverse **vehicle** insurance are provided to make a **service** user conveniently purchase a **vehicle** by offering the money corresponding to the **service** points of the **service** user as the purchase money.

DESCRIPTION - A **service** providing device(10) is connected with many member companies(20), an investment company(30), an insurance company(40) and an investment company. The member company provides **service** points corresponding to the amount of the consumption to the **service** user. The **service** providing device sums up the **service** points of the **service** user and **generates a point** pool. The **service** providing device invests the **service** points to increase the points via the investment company. The profits generated from the investment are added to the point pool. The **service** providing device distributes the points as a reverse point to the **service** user. When the **service** user purchases the **vehicle**, a portion of the purchase money outputted based on the **service** points is generated by the insurance company.

**Title Terms /Index Terms/Additional Words:** SYSTEM; METHOD; MANAGE; REVERSE; **VEHICLE**; INSURANCE

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;  
DWPI Class: T01  
Manual Codes (EPI/S-X): T01-J05A2E; T01-N01A2F

34/5/12 (Item 12 from file: 350) [Links](#)  
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0013241115 *Drawing available*  
WPI Acc no: 2003-326228/200331  
**System and method for managing reverse membership card**  
Patent Assignee: LEE S Y (LEES-I)  
Inventor: LEE S Y

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2002094138	A	20021218	KR 200132559	A	20010611	200331	B

Priority Applications (no., kind, date): KR 200132559 A 20010611

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2002094138	A	KO	1	10	

**Alerting Abstract KR A**

NOVELTY - A system and a method for managing a reverse membership **card** are provided to efficiently manage the **service** points accumulated corresponding to the use of the membership **card** and to enhance the availability of the membership **card** by changing the kind of the membership **card** corresponding to the age and job of the **service** user.

DESCRIPTION - A **service** providing device(10) is connected with many member companies(20), and an investment company(30) via a specific communication network. The member company issues the membership **card** and provides the **service** points corresponding to the amount of the consumption to the **service** user. The **service** providing device sums up the **service points** of the **service user** and **generates a point pool**. The **service** providing device performs the investment by using the point pool and adds the profits generated from the investment to the point pool. The **service** providing device distributes the points as a reverse point to the **service** user.

**Title Terms /Index Terms/Additional Words:** SYSTEM; METHOD; MANAGE; REVERSE; MEMBER; **CARD**

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
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G06F-017/60			Main		"Version 7"
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File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A2B; T01-N01A2C; T01-N02B1B

34/5/13 (Item 13 from file: 350) [Links](#)

Derwent WPIX

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0013241114 *Drawing available*

WPI Acc no: 2003-326227/200331

**System and method for managing reverse mortgage**

Patent Assignee: LEE S Y (LEES-I)

Inventor: LEE S Y

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2002094137	A	20021218	KR 200132558	A	20010611	200331	B

Priority Applications (no., kind, date): KR 200132558 A 20010611

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2002094137	A	KO	1	10	

#### Alerting Abstract KR A

NOVELTY - A system and a method for managing a reverse mortgage are provided to offer the convenience in the use of a financial **service** by using the future expected value of the **service** points as a mortgage.

DESCRIPTION - Many member companies(20) are interconnected via a network and to a **service** providing device(10) via a communication network. The member company issues a membership **card** and provides the **service** points corresponding to the consumption of a **service** user. The **service** providing device adds up the **service** points of the **service** user and **generates** at least one **point** pools. The **service** providing device performs various types of investments and distributes the points added with the profits obtained through the investments. To minimize the danger due to the **service** user's inability to pay, the **service** providing device affiliates with an insurance company(40). Then, the **service** user receives the financial **service** from a financial organization(50).

**Title Terms /Index Terms/Additional Words:** SYSTEM; METHOD; MANAGE; REVERSE

**Class Codes**



## International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A2E; T01-N01A2F

34/5/14 (Item 14 from file: 350) [Links](#)

Derwent WPIX

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0013212761 *Drawing available*

WPI Acc no: 2003-297239/200329

**System and method for managing poor credit relief insurance**

Patent Assignee: LEE S Y (LEES-I)

Inventor: LEE S Y

## Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2002094141	A	20021218	KR 200132562	A	20010611	200329	B

Priority Applications (no., kind, date): KR 200132562 A 20010611

## Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2002094141	A	KO	1	10	

**Alerting Abstract KR A**

NOVELTY - A system and a method for managing the poor credit relief insurance are provided to save a **service** user of the poor credit by using the future expected value of a **service** point as a mortgage.

DESCRIPTION - A **service** providing device(10) is connected with many member companies(20). The member company issues a membership **card** for the **service** user and offers the **service** point corresponding to the amount of the consumption. The **service** providing device sums up the **service** points of the **service** user and **generates** a **point** pool. The **service** providing device invests the **service** points in the stocks, the real estates, and the foundation of the businesses via an investment company(30). The profits generated from the investment are added to the point pool. The **service** providing device distributes the points as a reverse point to the **service** user. When the **service** user is in the danger of putting on a financial blacklist, the insurance money corresponding to the points used as the mortgage is provided to the **service** user from an insurance company(40).

**Title Terms /Index Terms/Additional Words:** SYSTEM; METHOD; MANAGE; POOR; CREDIT; RELIEF ;  
INSURANCE

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A2E

34/5/15 (Item 15 from file: 350) [Links](#)

Derwent WPIX

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0013127446 *Drawing available*

WPI Acc no: 2003-209441/200320

Related WPI Acc No: 2006-695211

XRPX Acc No: N2003-166956

**Data elements modification monitoring system has memory storing computer program which comprises monitoring module for monitoring modification of each element in entries of database**

Patent Assignee: CHAPMAN T F (CHAP-I); DODGE J L (DODG-I); EQUIFAX INC (EQUI-N); MILLARD J T (MILL-I); SATTERFIELD M R (SATT-I); SMYTHE A C (SMYT-I); TRIGONOPLOS P S (TRIG-I)

Inventor: CHAPMAN T F; DODGE J L; MILLARD J T; SATTERFIELD M R; SMYTHE A C; TRIGONOPLOS P S

Patent Family ( 6 patents, 99 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020169747	A1	20021114	US 2001852597	A	20010510	200320	B
WO 2002091127	A2	20021114	WO 2002US14654	A	20020509	200320	E
EP 1388095	A2	20040211	EP 2002734304	A	20020509	200411	E
			WO 2002US14654	A	20020509		
AU 2002305480	A1	20021118	AU 2002305480	A	20020509	200452	E
AU 2002305480	A8	20051013	AU 2002305480	A	20020509	200611	E
US 7028052	B2	20060411	US 2001852597	A	20010510	200626	E

Priority Applications (no., kind, date): US 2001852597 A 20010510

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
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US 20020169747	A1	EN	25	15		
WO 2002091127	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
EP 1388095	A2	EN			PCT Application	WO 2002US14654
					Based on OPI patent	WO 2002091127
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
AU 2002305480	A1	EN			Based on OPI patent	WO 2002091127
AU 2002305480	A8	EN			Based on OPI patent	WO 2002091127

#### Alerting Abstract US A1

NOVELTY - A server (12) has credit reporting database having entries with elements which are modified by a data collected from several credit reporting agencies. A memory stores computer program comprising a monitoring module which monitors modifications of each element and generates a credit report which is notified to the user. DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

3. a data element modification monitoring method;
4. a computer readable medium storing data element modification monitoring program; and
5. a credit modification monitoring service provision method.

USE - For monitoring modification of data elements in database.

ADVANTAGE - The changes and modifications of the data elements are efficiently and effectively monitored.

DESCRIPTION OF DRAWINGS - The figure shows the schematic view of the data element modification monitoring system.

12 Server

**Title Terms /Index Terms/Additional Words:** DATA; ELEMENT; MODIFIED; MONITOR; SYSTEM; MEMORY; STORAGE; COMPUTER; PROGRAM; COMPRISE; MODULE; ENTER; DATABASE

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/30			Main		"Version 7"
G06F-007/00; G06F-017/60			Secondary		"Version 7"
G06F-0017/00	A	I	L	B	20060101
G06F-0017/30	A	I	F	B	20060101

G06F-0017/60	A	I	L	B	20051231
G06G-0007/00	A	I	L	B	20060101
G06Q-0040/00	A	I		R	20060101
G06Q-0040/00	C	I		R	20060101

US Classification, Issued: 707001000, 707104100, 707102000, 705030000, 705038000, 705044000, 705400000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4; T01-N01A2; T01-N02B2A; T01-S03

34/5/16 (Item 16 from file: 350) [Links](#)

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0012744041 *Drawing available*

WPI Acc no: 2002-596876/200264

**Reverse credit generation system**

Patent Assignee: LEE S Y (LEES-I)

Inventor: LEE S Y; LEE W I

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2002019780	A	20020313	KR 200053036	A	20000907	200264	B

Priority Applications (no., kind, date): KR 200053036 A 20000907

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2002019780	A	KO	1	10	

#### Alerting Abstract KR A

NOVELTY - A reverse credit generation system is provided to enlarge the range of financial services by maximizing the **service** points for a customer's transactions with affiliated companies and **generating the customer's credit** through the **service points**.

DESCRIPTION - A **service** providing system(10) is connected with a plurality of subscriber terminals(301-30n) and affiliated stores(401-40m) through the Internet(20). Also the **service** providing system(10) is connected with a financial company(50) and a fund company(60) through a gateway. The **service** providing system(10) issues membership cards to **service** subscribers. If a **service** subscriber carries out a consuming activity at an affiliated

service subscriber. The service providing system(10) also achieves profit maximization through the stock investment of the service point provided to the service subscriber according to the service subscriber's selection. Also the service providing system(10) estimates the service subscriber's credit grade on the basis of the stock-invested service point and issues a credit card corresponding to the estimated credit grade.

**Title Terms /Index Terms/Additional Words:** REVERSE; CREDIT; GENERATE; SYSTEM

# Class Codes

## International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A

34/5/17 (Item 17 from file: 350) [Links](#)

Derwent WPIX

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0012620866 *Drawing available*

WPI Acc no: 2002-469370/200250

XRPX Acc No: N2002-370491

**DTP network system for cashless payment system, executes process for confirming correspondence of credit card utilization notice generated for issuing to card user and information transmitted by card processing machine**

Patent Assignee: ISETO SHIKO KK (ISET-N)

Inventor: INOUE Y; MATSUKAWA M; UCHIDA F

## Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002149968	A	20020524	JP 2000346425	A	20001114	200250	B

Priority Applications (no., kind, date): JP 2000346425 A 20001114

## Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2002149968	A	JA	8	5	

Alerting Abstract JP A

NOVELTY - DTP network connects an information processing server (2) which generates credit **card** utilization notice for issuing to credit **card** user through internet, to information delivery server (1) of credit **card** processing machine. The DTP network system executes a process for confirming the correspondence of generated **card** utilization notice and information delivered from information delivery server.

USE - For cashless payment system.

ADVANTAGE - Confirmation of the calibration process is enabled in real-time. Also, the calibration operation is performed in a short time.

DESCRIPTION OF DRAWINGS - The figure shows the structure of DTP network **system** connecting **information** delivery server to information processing server through internet.

1 Information delivery server

2 Information processing server

**Title Terms /Index Terms/Additional Words:** NETWORK; SYSTEM; PAY; EXECUTE; PROCESS; CONFIRM; CORRESPOND; CREDIT; **CARD**; UTILISE; NOTICE; GENERATE; ISSUE; USER; INFORMATION; TRANSMIT; MACHINE

### Class Codes

#### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"
G06F-017/21; G06F-019/00			Secondary		"Version 7"

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A1; T01-J05B

34/5/18 (Item 18 from file: 350) [Links](#)

Derwent WPIX

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0012257323 *Drawing available*

WPI Acc no: 2002-197430/200226

XRFX Acc No: N2002-149974

**Payment method for electronic commercial transactions over Internet, involves validating code of customer's prepaid card code and deducting sum corresponding to goods purchased by customer from residual credit of card**

Patent Assignee: GRILLO G (GRIL-I); SORMANI M (SORM-I)

Inventor: GRILLO G; SORMANI M

#### Patent Family ( 1 patents, 25 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1168263	A1	20020102	EP 2000113080	A	20000626	200226	B

Priority Applications (no., kind, date): EP 2000113080 A 20000626

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 1168263	A1	EN	10	4	
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				

**Alerting Abstract EP A1**

**NOVELTY** - The customer (50) is connected to an e-commerce or telematic **service** site. When customer purchases the goods or services, code of the customer's prepaid **card** together with the sum corresponding to the purchased goods are transmitted to the prepaid **card** operator (10). The code is validated by referring to a database (20) and the sum is deducted from the residual credit of the prepaid **card**.

**DESCRIPTION** - An INDEPENDENT CLAIM is also included for payment system over the Internet.

**USE** - For performing electronic commercial transactions such as on-line shopping over Internet.

**ADVANTAGE** - Allows the customer to directly participate in e-commerce and limits the financial risks involved in transactions. Relieves supplier of goods and services from the burdens arising due to the direct management of electronic wallets and financial transactions.

**DESCRIPTION OF DRAWINGS** - The figure shows the functional block diagram of the payment system.

10 **Card** operator

20 Database

50 Customer

**Title Terms** /Index Terms/Additional Words: PAY; METHOD; ELECTRONIC; COMMERCIAL; TRANSACTION; VALID; CODE; CUSTOMER; PREPAYMENT; **CARD**; SUM; CORRESPOND; GOODS; PURCHASE; RESIDUE; CREDIT

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G07F-019/00			Main		"Version 7"
G06F-017/60; G07F-007/08			Secondary		"Version 7"

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J05B4P; T01-N01A1; T01-N01A2A; T05-H02C1; T05-L02

34/5/19 (Item 19 from file: 350) [Links](#)

Derwent WPIX

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0011194285 *Drawing available*

WPI Acc no: 2002-132587/200218

XRPX Acc No: N2002-100039

**Payment authorization apparatus for e-commerce applications, compares received limited use credit card number and authorizes transaction, based on result of comparison**

Patent Assignee: ARNDT M (ARND-I); CAST TECHNOLOGIES LTD (CAST-N); JOHNSTON C I (JOHN-I)

Inventor: ARNDT M; JOHNSTON C I

Patent Family ( 5 patents, 94 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2361790	A	20011031	GB 20014956	A	20010228	200218	B
US 20010047335	A1	20011129	US 2001809362	A	20010315	200218	E
WO 2001084509	A2	20011108	WO 2001GB1880	A	20010427	200218	E
AU 200150540	A	20011112	AU 200150540	A	20010427	200222	E
EP 1279149	A2	20030129	EP 2001923857	A	20010427	200310	E
			WO 2001GB1880	A	20010427		

Priority Applications (no., kind, date): GB 20014956 A 20010228; GB 200010422 A 20000428

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
GB 2361790	A	EN	71	26		
WO 2001084509	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200150540	A	EN			Based on OPI patent	WO 2001084509
EP 1279149	A2	EN			PCT Application	WO 2001GB1880
					Based on OPI patent	WO 2001084509
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					

#### Alerting Abstract GB A

NOVELTY - A validation unit (3) determines the validity of a received limited use credit card number using the received user ID data based on which the received credit card number is stored. An authorization unit receives a



request including a limited use credit **card** number and compares the number with stored credit **card** number. The authorization unit authorizes a transaction based on the result of the comparison.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- A. Goods/services payment authorization method;
- B. Limited use credit card number generation apparatus;
- C. Limited use **credit** card number generation method;
- D. Secure payment method;
- E. Goods/**service** order reception and processing apparatus;
- F. Goods/service order reception and processing **method**;
- G. Secure payment web server;
- H. Carrier medium storing goods/**service** payment authorization program

USE - For authorizing payment for goods/services in limited use credit card number through communication networks such as internet, intranet, extranet, LAN in e-commerce applications.

ADVANTAGE - A higher level of security is provided, since a fraudster cannot acquire a limited use credit card number by only acquiring user ID information.

DESCRIPTION OF DRAWINGS - The figure shows a schematic illustration of secure payment system.

3 Validation unit

**Title Terms** /Index Terms/Additional Words: PAY; APPARATUS; APPLY; COMPARE; RECEIVE; LIMIT; CREDIT; **CARD**; NUMBER; TRANSACTION; BASED; RESULT

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60; G07F; G07F-019/00; G07F-007/10			Main		"Version 7"

US Classification, Issued: 705044000, 705075000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; T05-L02

34/5/20 (Item 20 from file: 350) [Links](#)

Derwent WPIX

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0011075364 *Drawing available*

WPI Acc no: 2002-010567/200201

XRPX Acc No: N2002-008842

**System for accessing by patient health care information using anatomic user interface displays an anatomic model from which patient selects anatomic structure of interest while user interface displays health care information**

Patent Assignee: MEDORDER INC (MEDO-N)

Inventor: GLASGOW J D; LEWIS G P

Patent Family ( 4 patents, 93 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001069500	A1	20010920	WO 2001US8062	A	20010312	200201	B
US 20010041992	A1	20011115	US 2000523569	A	20000310	200201	E
			US 2001808414	A	20010312		
AU 200147408	A	20010924	AU 200147408	A	20010312	200208	E
US 20030200119	A1	20031023	US 2000523569	A	20000310	200370	E
			US 2003456656	A	20030605		

Priority Applications (no., kind, date): US 2003456656 A 20030605; WO 2001US8062 A 20010312; US 2000523569 A 20000310

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001069500	A1	EN	90	13		
National Designated States, Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States, Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
US 20010041992	A1	EN			C-I-P of application	US 2000523569
AU 200147408	A	EN			Based on OPI patent	WO 2001069500
US 20030200119	A1	EN			Continuation of application	US 2000523569

#### Alerting Abstract WO A1

**NOVELTY** - An anatomic user interface displays an anatomic model (402) from which the user selects an anatomic structure of interest. Upon selection of the anatomic structure, the anatomic user interface displays the health care information that is associated with the selected anatomic structure.

**DESCRIPTION** - INDEPENDENT CLAIMS are included for:

- I. a method of accessing healthcare information for a patient
- J. a system for accessing healthcare information

USE - For accessing health care information using a graphical user interface that **enables** a user to drill down to an anatomic structure of interest from a high-level anatomic model and retrieve the health care information associated with that anatomic structure.

ADVANTAGE - Provides an intuitive, computer-based system for quickly and easily accessing health care information at the point of care, and **organized** to facilitate making an informed and appropriate health care decision. Facilitates proper encoding of health care **information** to meet regulatory reimbursement requirements, and **other** industry-promulgated requirements. Creates properly coded orders for health care services that comply with health care regulations and facilitate the delivery of health **care** services to patients. Securely transmits health care **information** to disparate participants.

DESCRIPTION OF DRAWINGS - The drawing shows an illustrative window produced by the anatomic user interface displayed by a Web browser on installed on a user computer according to the present invention.  
402 anatomic model

**Title Terms /Index Terms/Additional Words:** SYSTEM; ACCESS; PATIENT; HEALTH; **CARE** ; INFORMATION; USER; INTERFACE; DISPLAY; MODEL; SELECT; STRUCTURE; INTEREST

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

US Classification, Issued: 705003000, 705002000

File Segment: EPI;

DWPI Class: S05; T01

Manual Codes (EPI/S-X): S05-G02G; T01-H07C5S; T01-J06A1; T01-J12; T01-S03

34/5/21 (Item 21 from file: 350) [Links](#)

Derwent WPIX

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0010900052 *Drawing available*

WPI Acc no: 2001-520791/200157

XRFX Acc No: N2001-385726

**Vehicle credit/loan application processing method in vehicle retail locations, involves transmitting completed application form to user financial institution, if that institution is determined as system participant**

Patent Assignee: FORD GLOBAL TECHNOLOGIES INC (FORD)

Inventor: TAMMARO N A

##### Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010011246	A1	20010802	US 1998131637	A	19980810	200157	B

Priority Applications (no., kind, date): US 1998131637 A 19980810

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20010011246	A1	EN	7	2	

**Alerting Abstract US A1**

**NOVELTY** - An electronic loan/**credit** application form requested by an **user** through Internet, is **generated** as a web page. The **user** designates particular financial institution/**service** provider in the information field of the web page. The completed form is sent to designated **service** provider/financial institution, if designated **service** provider or financial institution is determined as system participant, through the Internet. If **service** provider is preselected by user, the completed form is transmitted to preselected **service** provider by facsimile transmission.

**DESCRIPTION** - An **INDEPENDENT CLAIM** is also included for the electronic credit/loan application processing system.

**USE** - **Vehicle** credit/loan application processing in **vehicle** retail locations using Internet.

**ADVANTAGE** - The online loan/credit application processing is performed efficiently without need for special hardware at dealer location. Bidirectional communication of credit/loan application information between dealer and banks is performed and **automatic** facsimile communication with preselected banks or credit unions is enabled, using simple technique. Specific information which facilitates **vehicle** credit process such as completion of standard department of motor **vehicle** forms, insurance forms etc, can be collected and transmitted electronically to institution/company either directly or through **service** provider with electronic responses provided back to the requesting dealer.

**DESCRIPTION OF DRAWINGS** - The figure shows the block diagram of **automotive** credit/loan application system.

**Title Terms /Index Terms/Additional Words:** **VEHICLE**; CREDIT; LOAN; APPLY; PROCESS ; METHOD; RETAIL; LOCATE; TRANSMIT; COMPLETE; FORM; USER; FINANCIAL; INSTITUTION; DETERMINE; SYSTEM; PARTICIPATING

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"
G06F-015/16			Secondary		"Version 7"

US Classification, Issued: 705038000, 705039000, 709203000

File Segment: EPI;

DWPI Class: T01; W02

Manual Codes (EPI/S-X): T01-C03B; T01-H01C2; T01-H07C3C; T01-H07C5E; T01-J05A; T01-J12C; W02-J03C8

34/5/22 (Item 22 from file: 350) [Links](#)

Derwent WPIX

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0009158423 *Drawing available*

WPI Acc no: 1999-080716/199907

XRPX Acc No: N1999-058123

**Customers product and services billing method for on-line computer network - involves transmitting transaction charge price calculated by applying currency exchange rate to stored price expressed in second currency differing from first currency to credit processor by host data centre**

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: REEDER M

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5852812	A	19981222	US 1995518253	A	19950823	199907	B

Priority Applications (no., kind, date): US 1995518253 A 19950823

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5852812	A	EN	26	12	

**Alerting Abstract US A**

The method involves receiving a notification of the transaction by a host data center (A). A first local currency for billing the credit card account of the network customer (10) for the transaction is then determined.

A transaction charge price expressed in terms of the first local currency is calculated by applying a currency exchange rate to a stored price expressed in a second currency differing from the first currency followed by transmitting the calculated price to a credit processor by the host data centre.

ADVANTAGE - Facilitates handling issues of high-volume scalability and response time by using number of techniques. Alleviates performance problems since ability to run many tasks simultaneously within windows NT operating system is realised. Provides high throughput thereby facilitating customers to notify charges of their account via on-line statements.

**Title Terms /Index Terms/Additional Words:** CUSTOMER; PRODUCT; **SERVICE**; BILL; METHOD; LINE; COMPUTER; NETWORK; TRANSMIT; TRANSACTION; CHARGE; PRICE; CALCULATE; APPLY; CURRENCY; EXCHANGE; RATE; STORAGE; EXPRESS; SECOND; DIFFER; FIRST; CREDIT; PROCESSOR; HOST; DATA; CENTRE

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
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G06F-017/60			Main		"Version 7"
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US Classification, Issued: 705039000, 705026000, 705034000, 705040000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-H07C5E; T01-J05A; T05-H02C3; T05-L02

34/5/23 (Item 23 from file: 350) [Links](#)

Derwent WPIX

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0009011944 *Drawing available*

WPI Acc no: 1998-568195/199848

Related WPI Acc No: 1999-571514; 2000-038009; 2002-478344; 2002-618748

XRFX Acc No: N1998-442083

**Automated financial transaction system using internet - includes financial processing computer that is placed at remote place from merchant computer, and communicates self generated transaction indicia to merchant and customer computers**

Patent Assignee: OGRAM M E (OGRA-I)

Inventor: OGRAM M E

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5822737	A	19981013	US 1996597017	A	19960205	199848	B

Priority Applications (no., kind, date): US 1996597017 A 19960205

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5822737	A	EN	15	5	

#### Alerting Abstract US A

The system includes a bank computer that stores financial data containing customer account numbers and available **credit** data. An authorization indicia is **generated** in response to queries containing **customer** account number and amount. The bank computer also stores deposit data indicative of amounts owed to depositors. An adjusting unit of the bank computer adjusts, the credit data and deposit data based on the customer account number and amount data. A merchant computer (22) stores promotional data. A customer computer (21) is linked with the merchant computer for receiving the promotional data. A financial data processing computer (33) which is at remote place from the merchant computer includes a receiver for receiving customer account data, amount data and authorization indicia from the customer computer.

The bank computer is queried with the customer account data and the amount data. A communicating unit of the financial data processing computer, communicates the self generated transaction indicia to customer computer and merchant computer. The merchant computer generates a shipping order in response to the transaction indicia. A financial data processing computer includes a connecting unit that connects the customer computer to the merchant computer after receiving the authorization indicia at selected return address.

USE - For purchasing desired goods using internet.

ADVANTAGE - Uses customer and merchant computer that use password thereby obtains access to protected information or to establish shipping instructions. Facilitates large number of users to use this service. Facilitates customer to verify whether order has been generated and accepted. Facilitates single merchant to economically reach vast number of potential customers at low cost. Facilitates customer to review great number of vendors and products with few key strokes and clicks of mouse.

**Title Terms /Index Terms/Additional Words:** AUTOMATIC; FINANCIAL; TRANSACTION; SYSTEM; PROCESS; COMPUTER; PLACE; REMOTE; MERCHANT; COMMUNICATE; SELF; GENERATE; INDICIA; CUSTOMER

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

US Classification, Issued: 705026000, 235381000, 340825350

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-H07C5E; T01-J05A1; T05-H08; T05-L02

34/5/24 (Item 1 from file: 347) [Links](#)

JAPIO

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07638547 \*\*Image available\*\*

**AUTOMATIC VENDING MACHINE AND SERVER**

**Pub. No.:** 2003-132401 [JP 2003132401 A ]

**Published:** May 09, 2003 (20030509)

**Inventor:** KAYASHIMA KAZUHIRO

WATANABE KAZUHISA

**Applicant:** MATSUSHITA ELECTRIC IND CO LTD

**Application No.:** 2001-327931 [JP 2001327931]

**Filed:** October 25, 2001 (20011025)

**International Class:** G07F-007/08; **G06F-017/60**; G07B-001/00; G07B-005/00; G07F-007/02; G07F-009/00

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To allow a customer who has purchased merchandise or the like at an **automatic** vending machine to **automatically** get points such as gifts only by inputting the portable telephone number of the customer himself to the **automatic** vending machine.

**SOLUTION:** This **automatic** vending machine for accepting the input of money, and for accepting the intention display of the purchase of merchandise or a **service** is provided with an identifier accepting part for accepting the input of the portable telephone number of a customer as an identifier and a purchase information transmitting part for transmitting the purchase information having the identifier. Communication equipment 0101 is integrated into the **automatic** vending machine, and this communication equipment is provided with an identifier accepting part 0301 for accepting the identifier of the **customer**, a **point generating** part 0304 for generating purchase **points**, and a purchase information transmitting part 0302 for transmitting purchase information including the customer identifier and the purchase points.

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34/5/25 (Item 2 from file: 347) [Links](#)

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07339418 **\*\*Image available\*\***

**PROVIDING SYSTEM FOR SERVICE ACCOMPANIED BY PRIVILEGE OFFER**

**Pub. No.:** 2002-207909 [JP 2002207909 A ]

**Published:** July 26, 2002 (20020726)

**Inventor:** MURAKAMI AKINORI

SON MASAHIDE

FUKUI MOTOFUMI

FUJIMAKI TAKAHIRO

**Applicant:** FUJI XEROX CO LTD

**Application No.:** 2001-004713 [JP 20014713]

**Filed:** January 12, 2001 (20010112)

**International Class:** G06F-017/60; G07G-001/12

## **ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a **service** providing system which can give a feeling of achievement to a customer.

**SOLUTION:** As an example of this **service** providing system, a copying machine 1 obtains the current accumulated point value from the memory **card** that the customer bears through a memory **card** reader 11 and outputs it to a control part 13. The control part 13 computes a generated point value according to a copy instruction such as a copy quantity inputted by the **customer**, adds the **generated point** value to the accumulated **point** value, and outputs an instruction for copying to a copying device 12 and also outputs an instruction giving notice of it on the spot to a



47/5/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0008870860 *Drawing available*

WPI Acc no: 1998-418810/199836

XRPX Acc No: N1998-326540

**Individual information modification and notification method for bank - involves performing notification transmission through network, after information registration or modification by user**

Patent Assignee: HITACHI LTD (HITA)

Inventor: OGATA N

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 10171896	A	19980626	JP 1996326503	A	19961206	199836	B

Priority Applications (no., kind, date): JP 1996326503 A.19961206

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 10171896	A	JA	9	5	

#### Alerting Abstract JP A

The method involves storing individual information in a memory, in the centre station of a co-operative or multiple system. The information relates to an individual, notification **point** address, telephone number and mailing address. The corresponding information for performing notification is managed separately.

During **information** registration or modification by the **user**, the notification **point** is produced **automatically** as a list. Based on the final decision by the **user**, notification transmission is carried out through a network.

USE - For private enterprise, self governing body and service **offer** manufacturers.

ADVANTAGE - Performs notification of registered and modified contents uniformly through network.

**Title Terms** /Index Terms/Additional Words: INDIVIDUAL; INFORMATION; MODIFIED; NOTIFICATION; METHOD; BANK; PERFORMANCE; TRANSMISSION; THROUGH; NETWORK; AFTER; REGISTER; **USER**

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-019/00			Main		"Version 7"
<b>G06F-017/60</b> ; H04L-012/18			Secondary		"Version 7"

File Segment: EPI;  
DWPI Class: T01; W01  
Manual Codes (EPI/S-X): T01-J05A2; W01-A06E1A

47/5/2 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0008841139 *Drawing available*

WPI Acc no: 1998-387562/199833

XRPX Acc No: N1998-302288

**Automatic sales, service tax reporting system for governmental authorities - has central processing unit comprising database that has data files in which transaction and tax data corresponding to remote vendor location are stored**

Patent Assignee: GOLDEN R (GOLD-I)

Inventor: GOLDEN R; STANESA J R

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5774872	A	19980630	US 1995414944	A	19950331	199833	B
			US 1996717977	A	19960923		
CA 2240655	A1	19991216	CA 2240655	A	19980616	200022	NCE

Priority Applications (no., kind, date): CA 2240655 A 19980616; US 1995414944 A 19950331; US 1996717977 A 19960923

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 5774872	A	EN	9	3	Continuation of application	US 1995414944
CA 2240655	A1	EN				

#### Alerting Abstract US A

The **system** comprises minimum of one transaction terminal (16) arranged at each of several remote vendor locations for **automatically** recording taxable transactions. A first numeric **value** representing price attributed to a taxable transaction is input into the transaction terminal using a first input unit. A second numeric **value** representing sales tax due for each transaction is input using a second input unit. The numerical values are stored in a memory. A transmission data generation unit automatically generates transmissible data representing the numerical values. During transmission data generation, a tax receipt that displays the numeric values is generated by a tax receipt generation unit.

Minimum of one data collection substation (30) performs bidirectional communication with a selective number of transaction terminals and receives the transmissible data from the terminals, sequentially. A central processing unit (12) arranged at a central location has a database comprising a data file corresponding to each remote vendor location. The data files are used to store the transmissible data generated at the corresponding vendor location. The

CPU is programmed to generate periodically or when requested by an **operator**, a sales report and tax corresponding to a particular vendor location. The transmissible data from each substation is transmitted to the CPU using an electronic data link (34).

**ADVANTAGE** - Prevents under-reporting of tax. Enables automatic collection of taxes. Offers central control for transaction tax reporting. Enables to generate reports on transactions of individual merchants. Generates reports on taxes acquired and taxes paid.

**Title Terms /Index Terms/Additional Words:** AUTOMATIC; SALE; SERVICE; TAX; REPORT; SYSTEM; CENTRAL; PROCESS; UNIT; COMPRISE; DATABASE; DATA; FILE; TRANSACTION ; CORRESPOND; REMOTE; VENDING; LOCATE; STORAGE

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"
G06F-157/00			Secondary		"Version 7"

US Classification, Issued: 705019000, 705020000, 705021000, 705031000, 235376000, 235383000, 235385000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J05A; T01-J05A1; T01-J05B4P; T05-L01A; T05-L01D

47/5/3 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0008802897 *Drawing available*

WPI Acc no: 1998-347974/199830

XRPX Acc No: N1998-271664

**Interactive computer system for liability product selection - includes unit calculating variable rate applicable to liability products over duration based on user entered values which are combined with rate of change information**

Patent Assignee: MERRILL LYNCH & CO INC (MERR-N)

Inventor: LARCHE K; TAEUBER C

##### Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5765144	A	19980609	US 1996669080	A	19960624	199830	B

Priority Applications (no., kind, date): US 1996669080 A 19960624

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5765144	A	EN	22	14	

### Alerting Abstract US A

The system includes a unit allowing a **user** to select a first prediction for the direction of future interest rates. A unit allows the **user** to select a second prediction for the rate of change of future interest rates. A keyboard allows the **user** to input the duration that the selected product will be held.

A unit calculates the variable rate applicable to each of the liability products over the duration based on the first and second predictions to select at least one of the liability products having one of the lowest average payment and the lowest average interest rate.

The second prediction may be selected from a first, second and third rate of change, the first rate representing 1/2 **point** per year, the second rate representing 1 **point** per year and the third rate representing 2 **points** per year. A unit adds the selected rate of change to the variable rate for each of the liability products for each year of the duration. A unit retrieves updated variable rate structure information for the liability products.

**ADVANTAGE** - Gathers **information** on which to base selection of credit products. Selects products based partly on **customer** opinion on future interest rates. Provides semi-**automatic** application completion using gathered **information**.

**Title Terms** /Index Terms/Additional Words: INTERACT; COMPUTER; SYSTEM; LIABLE; PRODUCT; SELECT; UNIT; CALCULATE; VARIABLE; RATE; APPLY; DURATION; BASED; **USER**; ENTER; **VALUE**; COMBINATION; CHANGE; INFORMATION

### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"

US Classification, Issued: 705038000

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-J05A1; T01-J05B4A; W01-A06B7

47/5/4 (Item 4 from file: 350) [Links](#)

Derwent WPIX

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0008682712 *Drawing available*

WPI Acc no: 1998-221939/199820

XRPX Acc No: N1998-175796

**Cosmetic treatment service system used in cosmetic treatment parlour - has additional point calculation part which calculates additional point by comparing previous and current measured value**

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)

Inventor: OYU K

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 10063733	A	19980306	JP 1996224056	A	19960826	199820	B

Priority Applications (no., kind, date): JP 1996224056 A 19960826

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 10063733	A	JA	4	2	

#### Alerting Abstract JP A

The **system** (10) has a measurement part (11) for measuring each part of a human body and the measured **value** is recorded by a magnetic **card** (1). The measured **value** is input to an addition **point** calculation part (12) for calculating a relation based on previous measured **value** and the current measured **value**. The addition **point** is added to a current service **point**.

ADVANTAGE - Improves cosmetic service to **customer**.

**Title Terms** /Index Terms/Additional Words: COSMETIC; TREAT; SERVICE; SYSTEM; PARLOUR; ADD; **POINT**; CALCULATE; PART; COMPARE; CURRENT; MEASURE; **VALUE**

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
<b>G06F-017/60</b>			Main		"Version 7"
A45D-044/00; A61B-005/00; G06K-017/00; G07G-001/12			Secondary		"Version 7"

File Segment: EngPI; EPI;

DWPI Class: T01; T05; P24; P31

Manual Codes (EPI/S-X): T01-J05A2; T05-L01A

47/5/5 (Item 5 from file: 350) [Links](#)

Derwent WPIX

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0008558017 *Drawing available*  
WPI Acc no: 1998-091858/199809  
XRPX Acc No: N1998-073091

**Implementation monitoring system of automatic certificate issuing machine - has failure message unit that reports warning information via automatic transmitter to predetermined message point defined beforehand, based on contents of generated failure**  
Patent Assignee: NEC CORP (NIDE)  
Inventor: MARUYAMA K

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 9319620	A	19971212	JP 1996135270	A	19960529	199809	B

Priority Applications (no., kind, date): JP 1996135270 A 19960529

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 9319620	A	JA	5	1	

**Alerting Abstract JP A**

The **system** includes a monitor and control equipment (2) that monitors an **automatic** certificate issue machine (1) and controls the state of a repair section (4), a maintenance section (5), and a management portion gate (6) via a communication circuit (3). A condition monitoring unit (25) collects periodically the monitoring informations of the issue machine, stored in a monitoring information file (24).

A fixed time message unit (23) sends a report to the gate for every predetermined time. A refilling preliminary announcing unit (22) transmits a warning **information** to an appointed message **point** via an **automatic** transmitter (26) if the remaining amount of article e.g. paper, printing ribbon is below a regulation **value**. A failure **information** is shown on a display (27) when generation of a failure is detected. A failure message unit (21) reports the warning **information** to the predetermined message **point** defined beforehand via the **automatic** transmitter based on the contents of the generated failure.

ADVANTAGE - Reduces burden on **person** in charge of implementation since generation of failure is informed to required section. Prevents delay of emergency communication during failure and delay of article.

**Title Terms** /Index Terms/Additional Words: IMPLEMENT; MONITOR; SYSTEM; AUTOMATIC; CERTIFY; ISSUE; MACHINE; FAIL; MESSAGE; UNIT; REPORT; WARNING; INFORMATION; TRANSMIT; PREDETERMINED; **POINT**; DEFINE; BASED; CONTENT; GENERATE

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-011/30			Main		"Version 7"
G06F-017/60; G06F-019/00;			Secondary		

G07C-003/00					
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File Segment: EPI;

DWPI Class: T01; T05; W05

Manual Codes (EPI/S-X): T01-G05C; T01-J05A; T05-G02A; T05-K02; W05-D03

47/5/6 (Item 6 from file: 350) [Links](#)

Derwent WPIX

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0008401077 *Drawing available*

WPI Acc no: 1997-517949/199748

XRPX Acc No: N1997-431072

**Point card with game function for customer service - has point display column to display point addition value obtained based on displayed game information and previously defined rule**

Patent Assignee: TOPPAN PRINTING CO LTD (TOPP)

Inventor: KITAMOTO Y

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 9245089	A	19970919	JP 199650450	A	19960307	199748	B

Priority Applications (no., kind, date): JP 199650450 A 19960307

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 9245089	A	JA	9	5	

#### Alerting Abstract JP A

The **point card** (1) has a magnetic stripe (12) to store large number of game **information** sequentially according to the **point addition value**. A **point** display column (1a) displays the **point addition value** obtained based on the displayed game information and a previously defined rule.

The **points** are exchangeable for a premium when the **point addition value** exceeds a reference **value**.  
ADVANTAGE - Enables to perform transactions using **point** card simply and safely.

**Title Terms /Index Terms/Additional Words:** **POINT**; CARD; GAME; FUNCTION; **CUSTOMER**; SERVICE; DISPLAY; COLUMN; ADD; **VALUE**; OBTAIN; BASED ; INFORMATION; DEFINE; RULE

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"
B42D-015/10; G06K-017/00; G07F-007/08			Secondary		"Version 7"

File Segment: EngPI; EPI;

DWPI Class: T01; T04; T05; P76

Manual Codes (EPI/S-X): T01-J05A1; T04-C01; T05-H02C5A; T05-H05E

47/5/7 (Item 7 from file: 350) [Links](#)

Derwent WPIX

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0008327951 *Drawing available*

WPI Acc no: 1997-440315/199741

XRPX Acc No: N1997-366222

**Card system for e.g. point card used in point of sale service - has reading and writing unit that displays data e.g. numeric character, character, image, corresponding to degree of achievement to data display which uses external energy**

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)

Inventor: MIYANO Y; OBARA T; YONEDA K

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 9198473	A	19970731	JP 199621632	A	19960116	199741	B

Priority Applications (no., kind, date): JP 199621632 A 19960116

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 9198473	A	JA	9	5	

#### Alerting Abstract JP A

The **system** includes a **card** (10) that has a data display (4) which repeats and rewrites a visible data using an external energy. A reading-writing unit rewrites the visible data for the data display. A data processor processes the data for the data display and reading-writing unit.

When the data processor records the degree of achievement for a numerical **value** and-or specific numerical **value** to the data display, the degree of achievement for the specific numerical **value** is computed. The specific numerical **value** corresponds to the lead conditions of a specific state. The data corresponding to the degree of achievement is



displayed to the data display by the reading-writing unit.

ADVANTAGE - Displays data which corresponds to degree of achievement for specific states as numeric characters or characters. Enables **user** to easily understand lead condition of specific state.

**Title Terms** /Index Terms/Additional Words: CARD; SYSTEM; **POINT**; SALE; SERVICE; READ; WRITING; UNIT; DISPLAY; DATA; NUMERIC; CHARACTER; IMAGE; CORRESPOND; DEGREE; ACHIEVE; EXTERNAL; ENERGY

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06K-017/00			Main		"Version 7"
B42D-015/10; G06F-017/60; G07G-001/12			Secondary		"Version 7"

File Segment: EngPI; EPI;

DWPI Class: T04; T05; P76

Manual Codes (EPI/S-X): T04-C01; T04-C02; T04-H03C9; T04-K01; T05-H02C5A; T05-H02C5C; T05-L01A; T05-L01B

47/5/8 (Item 8 from file: 350) [Links](#)

Derwent WPIX

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0008206419 *Drawing available*

WPI Acc no: 1997-310776/199728

XRPX Acc No: N1997-257407

**Sales promotion equipment advising purchaser of goods or services - includes computer accounting for customers' entries on touch screen and printing documents related to discount or other advantage on offer**

Patent Assignee: GEMPSY FRANCE SA (GEMP-N)

Inventor: GIRARDIN A; LANDAURO A; TROOSTERS M; TROOSTERS M M

##### Patent Family ( 6 patents, 24 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997020277	A1	19970605	WO 1996FR1883	A	19961128	199728	B
FR 2741987	A1	19970606	FR 199514523	A	19951130	199730	E
AU 199710336	A	19970619	AU 199710336	A	19961128	199741	E
EP 885425	A1	19981223	EP 1996941069	A	19961128	199904	E
			WO 1996FR1883	A	19961128		
EP 885425	B1	19991013	EP 1996941069	A	19961128	199947	E
			WO 1996FR1883	A	19961128		

DE 69604703	E	19991118	DE 69604703	A	19961128	200001	E
			EP 1996941069	A	19961128		
			WO 1996FR1883	A	19961128		

Priority Applications (no., kind, date): FR 199514523 A 19951130

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1997020277	A1	FR	23			
National Designated States,Original	AU BR CA KR MX SG US					
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 199710336	A	EN			Based on OPI patent	WO 1997020277
EP 885425	A1	FR			PCT Application	WO 1996FR1883
					Based on OPI patent	WO 1997020277
Regional Designated States,Original	BE CH DE ES FR GB IE IT LI LU NL PT					
EP 885425	B1	FR			PCT Application	WO 1996FR1883
					Based on OPI patent	WO 1997020277
Regional Designated States,Original	BE CH DE ES FR GB IE IT LI LU NL PT					
DE 69604703	E	DE			Application	EP 1996941069
					PCT Application	WO 1996FR1883
					Based on OPI patent	EP 885425
					Based on OPI patent	WO 1997020277

**Alerting Abstract WO A1**

The equipment has a peripheral terminal or kiosk with a touch screen (1), a printer (2), a **card** reader (3), a display unit (4), a microcomputer (5) managing the **system**, and a time-of-day clock (6). Access to the microcomputer is protected by a lock (16).

Wares are advertised by a set of 2n pictures of standard size which are easily replaced. Information entered via the screen enables e.g. a discount coupon to be printed and the discount or any other benefits to be taken into account when the **customer** passes through a checkout, and when the daily turnover is updated.

USE/ADVANTAGE - At supermarket, easily operated system enables coupons to be tracked between issue and despatch to suppliers of credit notes corresponding to sales.

**Title Terms /Index Terms/Additional Words:** SALE; PROMOTE; EQUIPMENT; ADVICE; PURCHASE; GOODS; SERVICE; COMPUTER; ACCOUNT; ENTER; TOUCH; SCREEN; PRINT; DOCUMENT; RELATED; DISCOUNT; ADVANTAGE; **OFFER**

**Class Codes**

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60; G09F-013/04			Main		"Version 7"
G06F-003/03			Secondary		"Version 7"

File Segment: EPI;

DWPI Class: T01; T04; T05

Manual Codes (EPI/S-X): T01-J05A; T04-F02A2; T05-L01D; T05-L01X

47/5/9 (Item 9 from file: 350) [Links](#)

Derwent WPIX

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0008175813 *Drawing available*

WPI Acc no: 1997-278231/199725

XRFX Acc No: N1997-230508

**Card system for long-term care insurance for old people etc. - involves linking insurance system office processing means to allowance processing means**

Patent Assignee: OKI H (OKIH-I)

Inventor: OKI H

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 9101989	A	19970415	JP 1995282436	A	19951003	199725	B

Priority Applications (no., kind, date): JP 1995282436 A 19951003

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 9101989	A	JA	6	1	

**Alerting Abstract JP A**

The **card system** involves linking of the following centres or systems: the pool capital accounts management means (1a) of the capital pool **system** (1) is linked to the **care service offer system** (3); the authorization **system** office processing means (4a) of an important **point care** authorisation management **system** (4); the insurance **system** office processing means (5a) of an insurance **system** (5) and the allowance event processing means (15a) of the **system** management **system** (15).

The authorisation **system** office processing means is linked to the insured **person's** (9) **card**, allowance event processing means and the insurance **system** office processing means is linked to allowance event processing means,

the insured **persons card** and pool capital accounts management means.

ADVANTAGE - Reduces complicated and troublesome documents application. Reduces staff requirement.  
Efficiently carries out welfare measures.

**Title Terms /Index Terms/Additional Words:** CARD; SYSTEM; LONG; TERM; CARE; INSURANCE; PEOPLE;  
LINK; OFFICE; PROCESS; ALLOW

#### Class Codes

##### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"
G06F-019/00; G06K-017/00			Secondary		"Version 7"

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J05A; T05-H02C5C; T05-L02

47/5/10 (Item 10 from file: 350) Links

Derwent WPIX

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0008175812 *Drawing available*

WPI Acc no: 1997-278230/199725

XRPX Acc No: N1997-230507

**Point card system used in shopping centres etc. in places of discount, shopping tickets - involves connection of amount of purchase in money terms to points stored in memory part of point card**

Patent Assignee: UNITY KK (UNIT-N)

Inventor: ISHIGAMI E

##### Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 9101988	A	19970415	JP 1995282386	A	19951005	199725	B

Priority Applications (no., kind, date): JP 1995282386 A 19951005

##### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 9101988	A	JA	7	4	

### Alerting Abstract JP A

The **point card system** consists of a **point** memory part (11) that stores the number of **points** computed from the purchase of goods in a departmental shop etc. The number of **points** equivalent to a purchase frame is added to the **customer's point card** (10). When the member of **points** exceeds a predetermined **value**, either a discount corresponding to the number of **points** or free purchase etc. is made possible whereas when the number of **points** is less than the predetermined **value**, no discount etc. is allowed.

It is also possible to encash the **points** if required. For the purpose, each affiliation store (27) purchases **point** from a secretariat (30) and this is registered into each card terminal (20) as stock **points**. Similarly liquidation of **points** is done at the rate at which it is being utilised i.e. when encashment, discount etc. is availed.

ADVANTAGE - Improves service to **customer**. Simplifies work procedure. Provides simple liquidation means. Eliminates wastage of time.

**Title Terms** /Index Terms/Additional Words: **POINT**; **CARD**; **SYSTEM**; **SHOPPING**; **CENTRE** ; **PLACE**; **DISCOUNT**; **TICKET**; **CONNECT**; **AMOUNT**; **PURCHASE**; **MONEY**; **TERM**; **STORAGE**; **MEMORY**; **PART**

### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/60			Main		"Version 7"
G07F-007/08			Secondary		"Version 7"

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J05A; T05-H02C; T05-L01X

47/5/11 (Item 1 from file: 347) [Links](#)

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06193008 \*\*Image available\*\*

**POINT SYSTEM USING CREDIT MANAGEMENT SYSTEM**

**Pub. No.:** 11-134560 [JP 11134560 A ]

**Published:** May 21, 1999 (19990521)

**Inventor:** UEDE RIYOUICHI

**Applicant:** PASTA CARD KK

**Application No.:** 09-299146 [JP 97299146]

**Filed:** October 30, 1997 (19971030)

**International Class:** G07G-001/12; **G06F-017/60**

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To totalize **points** even for a **customer** who pays in cash and to facilitate the management of **points** of evading the charging of money spent to a member and totalizing **pint information** corresponding to money by **point information** members.

**SOLUTION:** **Information** read out of a credit **point card** sent from an affiliated store terminal and input money (paid in cash), and **information** specifying the affiliated store are received. Demand data are generated on the spent money. A demand data file is generated and stored in an external storage device 15. When it is determined that receive **information** is **information** read out of the credit **point card**, a process for charging cancellation is performed. Then a corresponding **point** reduction rate is acquired by referring to a **point** reduction rate table for each affiliated stores. An arithmetic **point value** is added to the **point value** described in the **point** data file of the member to update the **point** data file, and charging cancellation information is sent from a communication unit 12 back to the affiliated store terminal.

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47/5/12 (Item 2 from file: 347) [Links](#)

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06178842 \*\*Image available\*\*

**SERVICE PROCESSING SYSTEM UTILIZING IC CARD**

**Pub. No.:** 11-120391 [JP 11120391 A ]

**Published:** April 30, 1999 (19990430)

**Inventor:** KIKUCHI YOSHITOMO

**Applicant:** HITACHI LTD

**Application No.:** 09-288148 [JP 97288148]

**Filed:** October 21, 1997 (19971021)

**International Class:** G07B-011/00; G07B-011/00; **G06F-017/60**; G06K-017/00; G07B-015/00; G07G-001/12

## **ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a service processing system capable of imparting elaborate service **points** according to a **customer's** utilization state and imparting the various service **points** with a high degree of freedom according to **customer information**.

**SOLUTION:** A stored **value** and the **service points** corresponding to boarding distance or used amount, etc., are held in an IC **card** 103 held by a passenger and boarding fare is adjusted by subtracting the fare from the stored **value** at entrance or exit in **automatic** ticket examination devices 101, 102 installed at ticket windows of respective stations by this **system**. In addition, **information** to calculate the **service point** is received at the entrance or the exit in the **automatic** ticket examination machines 101, 102, the total of the **service points** is calculated and stored in the IC **card** 103.

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47/5/13 (Item 3 from file: 347) [Links](#)

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06112117 \*\*Image available\*\*

## **POS TERMINAL SYSTEM HAVING ITS RECEIPT HANDLED ELECTRONICALLY**

**Pub. No.:** 11-053650 [JP 11053650 A ]

**Published:** February 26, 1999 (19990226)

**Inventor:** MIYAZAKI YOSHIYUKI

**Applicant:** NEC COMMUN SYST LTD

**Application No.:** 09-212767 [JP 97212767]

**Filed:** August 07, 1997 (19970807)

**International Class:** G07G-001/12; G06F-013/00; **G06F-017/60**

### **ABSTRACT**

**PROBLEM TO BE SOLVED:** To send receipt **information** as an electronic mail, to easily **automate** inputting to a household account book software and to easily add an additional **value** to a receipt.

**SOLUTION:** At a **point** of sales **information** management(POS) terminal, a mail address or a registration ID from a **customer** is read by a bar code reader 100 and it is transmitted to a merchandise management center. At this time, merchandise name, its unit price, and its quantity, and the subtotal, the excise tax and the total, etc., at the time of a payment processing, are transmitted to the merchandise management center. Also, at the time of a money receiving processing from the **customer**, received money and a change are transmitted to the merchandise management center. In the merchandise management center, additional information is added to the receipt information stored until then in the money receiving processing and it is converted to the electronic mail by pressing a receipt electronic mail making key 119 of the POS terminal for transmission to a mail host. The **customer** receives the receipt electronic mail at his/her convenient time, which is automatically stored in the household account book software of the **customer** according to a date, time and classification in the receipt electronic mail.

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47/5/14 (Item 4 from file: 347) [Links](#)

JAPIO

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05487188 \*\*Image available\*\*

## **POINT CARD SYSTEM**

**Pub. No.:** 09-101988 [JP 9101988 A ]

**Published:** April 15, 1997 (19970415)

**Inventor:** ISHIGAMI EIICHI

**Applicant:** UNITY KK [000000] (A Japanese Company or Corporation), JP (Japan)  
**Application No.:** 07-282386 [JP 95282386]  
**Filed:** October 05, 1995 (19951005)  
**International Class:** [ 6 ] G06F-017/60; G07F-007/08  
**JAPIO Class:** 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines)

#### **ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a **point card system** with which evaluated money exchange **service** can be received even when the number of **points** does not reach a prescribed **value**.

**SOLUTION:** Each member shop 27 purchases a **point** from a secretariat 30 and registers this **point** on each card terminal equipment 20 as the number of owned **points**. The number of **points** corresponding to the amount of purchase is added to a **point** storage part 11 at a **point card** 10 of a **customer** every time of purchase. When the number of **points** exceeds the prescribed **value** in the case of receiving **service** by a **customer**, the amount to which a prescribed rate is multiplied is available but when the number of **points** is less than the prescribed **value**, the amount to which another rate is multiplied is available, and there is no waste. The amount utilized by the **point card** by the **customer** is converted to the number of **points** for enabling purchase from the secretariat with that amount, added and registered at the terminal equipment of the relevant member shop and becomes the **point** owned by the member shop.

47/5/15 (Item 5 from file: 347) [Links](#)

JAPIO

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05429932 \*\*Image available\*\*

#### **POINT CARD SYSTEM**

**Pub. No.:** 09-044732 [JP 9044732 A ]

**Published:** February 14, 1997 (19970214)

**Inventor:** ISSHIKI HIROAKI

ISHIGAMI EIICHI

**Applicant:** SHIKOKU LINES KK [000000] (A Japanese Company or Corporation), JP (Japan)

UNITY KK [000000] (A Japanese Company or Corporation), JP (Japan)

**Application No.:** 07-216487 [JP 95216487]

**Filed:** August 03, 1995 (19950803)

**International Class:** [ 6 ] G07F-007/08; B42D-015/10; G06F-017/60

**JAPIO Class:** 29.4 (PRECISION INSTRUMENTS -- Business Machines); 30.1 (MISCELLANEOUS GOODS -- Office Supplies); 45.4 (INFORMATION PROCESSING -- Computer Applications)

#### **ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a **point card system** which can simplify the adjustment of **points** that are issued from a secretariat.

**SOLUTION:** Each of member stores 21a, 21b... purchases the **points** from a secretariat 30 and registers them in a card terminal equipment 20 as its holding **point** number. The **point** number equivalent to the purchase amount is



added at a **point** storage part 11 of a **point** card 10 of a **customer** every time he makes a purchase. When the **point** number of the **customer** exceeds a prescribed **value**, the **points** are evaluated and converted into an amount of money and recorded at an evaluated/converted amount storage part 12 by request of the **customer**. The remaining fractional **point** number is recorded at the part 11. When the **customer** purchases a commodity at a member store by means of his card 10, the purchase amount (f) is subtracted from the amount stored in the part 12 of the card 10. When the member store receives the amount (f) via the card 10, the store immediately calculates the **point** number that can be purchased from the secretariat 30 and adds it to its holding **point** number of the equipment 20 to register them.

Set	Items	Description
S1	5815	S (PROVIDER? ? OR SUPPL??? OR DEALER? OR VENDOR? ? OR SELLER? ? OR CONTRACT?R? ?) (5N) (DATA() (TECHNOLOGY OR SYSTEM? ? OR PROCESSING OR SERVICES) OR COMPUTER(3N) (BASE? OR GENERAT??? OR PROVID???))
S2	1089770	S INSURANCE? ? OR REFUEL??? OR GAS OR CONVENIENCE() STORE OR (CAR? ? OR AUTO? ? OR TRUCK? ? OR VEHICLE? ?) (2N) (REPAIR OR SERVICE OR LEASE OR RENT) OR TRAVEL??? OR SIGHT() SEEING OR TRAVEL() AGEN? OR MAP? ? OR TICKET? ? OR EVENT? ? OR TRAFFIC OR INFORMATION(2N) (PROVIDER OR SERVICE? ? OR PRODUCT? ?) OR AUTO(2N) SERVICE? ? OR CAR(4N) SERVICE? ?
S3	670780	S AUTOMOBILE? OR AUTOMOTIVE OR AUTO OR AUTOS OR VEHICLE? OR CAR OR CARS OR TRUCK? ? OR PICKUP? ? OR VAN OR VANS
S4	1654332	S MULTITUD? OR MANY OR PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MULTI OR NUMEROUS OR (LARGE OR UNUSUAL) () (NUMBER OR QUANTIT??? OR AMOUNT? ?) OR MORE() THAN() ONE
S5	81613	S (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) (VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S6	113590	S (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR SUBSCRIBER? ? OR ENROLEE? ? OR PARTICIPANT? ? OR PARTICIPAT?R? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?) (5N) (GENERAT??? OR ACCOMPLISH? OR BRING() ABOUT OR CREATE? OR INITIAT?) OR SELF() SERVICE
S7	309494	S S2(S)S4
S8	315	S S1(S)S7
S9	38	S S8(S)S3
S10	8	S S9(S)S5
S11	4	S S10(S)S6
S12	986	S S1(S)S2
S13	106	S S12(S)S3
S14	17	S S13(S)S5
S15	13	S S14(S)S6
S16	8	S S15 AND IC=G06F?
S17	110	S (INFORMATION(2N)SYSTEM? ?) (2N)SERVICE? ? AND IN() (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) (VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S18	121	S (SERVICE OR INFORMATION(2N)SYSTEM) AND (IN() (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) ((PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?) (5N) (GENERAT??? OR ACCOMPLISH?))
S19	189	S S17 OR S18
S20	189	IDPAT (sorted in duplicate/non-duplicate order)
S21	188	IDPAT (primary/non-duplicate records only)
S22	37	S S21 NOT PD>2000
S23	62	S S21 NOT AD>2000
S24	62	S S22 OR S23
S25	62	S S24 NOT AY>2000
S26	12	S S25 AND IC=G06F-017/60

; show files

[File 348] **EUROPEAN PATENTS 1978-2007/ 200708**

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*\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] **PCT FULLTEXT 1979-2007/UB=20070301UT=20070222**

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*\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

11/5/1 (Item 1 from file: 348) [Links](#)

**EUROPEAN PATENTS**

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01930027

**Secure transaction management**

Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung

Procede et dispositif de gestion de transactions securisees

**Patent Assignee:**

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**Legal Representative:**

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	Country	Number	Kind	Date	
Patent	EP	1555591	A2	20050720	(Basic)
	EP	1555591	A3	20051123	
Application	EP	2005075672		19960213	
Priorities	US	388107		19950213	

**Designated States:**

AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;  
IT; LI; LU; MC; NL; PT; SE;

**Related Parent Numbers: Patent (Application):**EP 861461 (EP 96922371)

**International Patent Class (V7):** G06F-001/00; G06F-017/60**Abstract** EP 1555591 A2

A method of and apparatus for assembling software elements to form a component assembly (690) are described. A record (808) containing information identifying the software elements (1000, 1100, 1200, 1202, 690) to be

assembled to form the component assembly is accessed. At least some of the software elements (1000, 1100) identified by the record comprise executable program code and at least one of the software elements is a load module (1100) comprising executable program code and a header (804) having an execution space identifier identifying which of a number of different security levels is required of a component assembly execution space. The software elements identified by the record are assembled to form a component assembly (690) that may, in use, be loaded and executed when the level of security of the component assembly execution space matches the level of security identified by the execution space identifier.

**Abstract Word Count: 147**

**NOTE: 23**

**NOTE: Figure number on first page: 23**

Type	Pub. Date	Kind	Text
Application:	20050720	A2	Published application without search report
Search Report:	20051123	A3	Separate publication of the search report
Change:	20051207	A2	Inventor information changed: 20051018
Change:	20060614	A2	Title of invention (German) changed: 20060614
Change:	20060614	A2	Title of invention (English) changed: 20060614
Change:	20060614	A2	Title of invention (French) changed: 20060614
Change:	20060726	A2	Title of invention (German) changed: 20060726
Change:	20060726	A2	Title of invention (English) changed: 20060726
Change:	20060726	A2	Title of invention (French) changed: 20060726

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200529	1002
SPEC A	(English)	200529	194028
Total Word Count (Document A) 195030			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 195030			

11/5/2 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00933152

# **EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES**

SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES, FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

**Patent Applicant/Patent Assignee:**

- **THE CRAWFORD GROUP INC;** 600 Corporate Park Drive, St. Louis, MO 63105

- **HAFERKAMP Richard E(et al)(agent)**

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	Country	Number	Kind	Date
Patent	WO	200267175	A2	20020829
Application	WO	2001US51437		20011019
Priorities	US	2000694050		20001020

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**[EP]** AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

**[OA]** BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

**[AP]** GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

**[EA]** AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

Publication Language: English

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Fulltext word count: 243912

**English Abstract:**

**French Abstract:**

Type	Pub. Date	Kind	Text
Publication	20020829	A2	Without international search report and to be republished upon receipt of that report.
Declaration	20021114		Late publication under Article 17.2a
Republication	20021114	A2	With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.
Examination	20030530		Request for preliminary examination prior to end of 19th month from priority date

11/5/3 (Item 2 from file: 349) [Links](#)

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00909145

**PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED  
DESPECKLING MECHANISMS PROVIDED THEREIN**

**SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME DE  
DECHATOIEMENT INTEGRE**

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- **KNOWLES Carl Harry**; 425 East Linden Street, Morrestown, NJ 08057  
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(Designated only for: US)
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(Designated only for: US)
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Chaque faisceau d'illumination laser planaire est produit a partir d'une matrice de faisceaux d'illumination laser planaire (PLIA) comprenant une pluralite de modules PLIM d'illumination par faisceau laser. Chaque PLIM est constitue d'une diode laser visible (VLD), d'une lentille de focalisation, et d'un element optique cylindrique monte en consequence. Chacun des composants du faisceau d'illumination laser planaire produit a partir de chacun des PLIM est soumis a une combinaison optique de facon a produire un faisceau d'illumination laser composite sensiblement planaire aux caracteristiques de densite de puissance sensiblement uniformes sur la totalite de son etendue spatiale; et donc sur la plage operationnelle du systeme. De preference, chaque composant du faisceau d'illumination laser planaire est focalise de facon a n'avoir qu'un minimum de largeur du faisceau au point ou sur le plan qui est a la plus grande distance de l'objet a laquelle le systeme est concu pour l'acquisition d'images, ce qui compense la perte de densite de puissance du faisceau incident d'illumination laser planaire en raison du fait que la largeur du faisceau d'illumination laser planaire augmente en longueur de facon a augmenter la distance par rapport a l'optique d'imagerie. Grace a la presente invention, il est maintenant possible d'utiliser des detecteurs image de type VLD et a cellule CCD grande vitesse dans des applications a bande transporteuse, douchette ou sous-table, tout en tirant profit des avantages que procure une telle technologie, tout en evitant les inconvenients qui s'y rattachaient jusqu'alors.

Type	Pub. Date	Kind	Text
Publication	20020530	A2	Without international search report and to be republished upon receipt of that report.
Examination	20030116		Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20030327		Late publication of international search report
Republication	20030327	A3	With international search report.

11/5/4 (Item 3 from file: 349) [Links](#)

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00806389

**SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING  
MAINTENANCE AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT**  
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE LA  
MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE  
D'APPROVISIONNEMENT RESEAUTE

**Patent Applicant/Patent Assignee:**

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**Legal Representative:**

- **HICKMAN Paul L(agent)**  
Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024; US;

16/3K/1 (Item 1 from file: 348) [Links](#)

**EUROPEAN PATENTS**

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01930027

**Secure transaction management**

Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung

Procede et dispositif de gestion de transactions securisees

**Patent Assignee:**

- **Intertrust Technologies Corp.;** (2434323)  
955 Stewart Drive; Sunnyvale, CA 94085; (US)  
(Applicant designated States: all)

**Inventor:**

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2410 Edwards Avenue; El Cerrito, CA 94530; (US)
- **Shear, Victor H.**  
5203 Battery Lane; Bethesda, MD 20814; (US)
- **Van Wie, David M.**  
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**Legal Representative:**

- **Beresford, Keith Denis Lewis (28273)**  
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	Country	Number	Kind	Date	
Patent	EP	1555591	A2	20050720	(Basic)
	EP	1555591	A3	20051123	
Application	EP	2005075672		19960213	
Priorities	US	388107		19950213	

**Designated States:**

AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;  
IT; LI; LU; MC; NL; PT; SE;

**Related Parent Numbers: Patent (Application):**EP 861461 (EP 96922371)

**International Patent Class (V7):** G06F-001/00; G06F-017/60; G06F-001/00... ..G06F-017/60  
**Abstract Word Count:** 147

**NOTE:** 23



**NOTE: Figure number on first page: 23**

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200529	1002
SPEC A	(English)	200529	194028
Total Word Count (Document A) 195030			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 195030			

**Specification:** ...and multiple communications services.

The preferred embodiment ROS 602 provides the following RPC based service **providers**/requestors (each of which have an RPC interface or "RSI" that communicates with RPC manager...maintain secure database 610. ROS 602 interacts with commercial database manager 730 through a database **driver** 750 and a database interface 748. The database interface 748 between ROS 602 and external...

16/3K/2 (Item 2 from file: 348) [Links](#)

EUROPEAN PATENTS

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01752676

**Systems and methods for secure transaction management and electronic rights protection**

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

**Patent Assignee:**

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(Applicant designated States: all)

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- **van Wie, David M.**  
1250 Lakeside Drive; Sunnyvale California 94086; (US)

manager 774 provides a user interface 774a that allows the **user** to **create** an object configuration file 1240 specifying certain characteristics of a VDE object 300 to be **created**. This **user** interface 774a may, for example, allow the user to specify that she wants to **create** an object, allow the **user** to designate the content the object will contain, and allow the user to specify certain... ..created in order to define or organize the content into "atomic elements" specified by the **user**. As explained elsewhere herein, such "atomic element" organizations might, for example, break up the content...

16/3K/3 (Item 1 from file: 349) [Links](#)

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01329846

**CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL**  
**ENSEMBLE D'INTERFACES COHERENT DERIVE D'UN MODELE D'OBJETS COMMERCIAUX**

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Delmer Bogen 24a, 21614 Buxtehude; DE; DE (Residence); DE (Nationality); (Designated for all)

UnpackingPeriod Unpacking...

16/3K/4 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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00933152

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**

SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

**Patent Applicant/Patent Assignee:**

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(For all designated states except: US)
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(Designated only for: US)
- **DE VALLANCE Kimberly Amm**; 2037 Silent Spring Drive, Maryland Heights, MO 63043  
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(Designated only for: US)
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(Designated only for: US)
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(Designated only for: US)
- **KLOPFENSTEIN Anita K**; 433 Schwarz Road, O'Fallon, IL 62269  
US; US(Residence); US(Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**

- **WEINSTOCK Timothy Robert**

## Detailed Description:

...LigL Lization on all other active times, including weekends and holidays.

@Notes: This program was **created** and is maintained primarily by the  
Brnging Technologies Department (ETD - formerly Advanced Technologies Department) I...shutdown data queue  
entry to the receive unwrap input data  
@@ue.

@Notes: This program was **created** and is maintained primarily by the  
Brnging Technologies Department (ETD - formerly Advanced Technologies Department) I...other than RMTD01 and  
RMTT01 and the  
ansmission, Group and Set Start/End record formats, **create** an APPD01 format pecially for it. Then write out that  
invalid format and save the...are Direct Billing/Remittance Trading Partners, such as Lnessee Valley Authority (an  
Enterprise Fleet Services **customer**).

Wiles: (CRUD)

AMTRN (-R-.)

AMSET (C--

AMIEBT (-R--)

AMIEBH (-R--)

ARMSPR1 (-R.-)

@Embedded Data/Constants...Inbound (Received) transaction set will be logged an(  
LI cause error transaction sets to be **generated** and sent back to the associated ider.

Edit errors from an Outbound (to be Sent... ...that the either of the ARMS Unpackage  
'ttance/Non-Remittance Envelope programs  
ni (AM0021/AM002OVI) **generated** as input to  
is program.

once a shutdown data queue entry is received, then send... ...any further  
I if is it is an inbound transaction set, then executed the ARMS **Generate** External (AM009OVI) program, ELSE,  
execute the ARMS Handle Internal Error (AM0097VI) @gram, passing the input... ...Improvement Opportunities.

l.) Replace the execution of the ARMS Handle Internal Error (TAM0097VII.

I ARMS **Generate** External Error (IAM009OVII) programs with the execution of the qer ARMS Handle  
Internal/External Error...

16/3K/5 (Item 3 from file: 349) [Links](#)

PCT FULLTEXT

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00806383

**COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF**

PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET PROCEDE ASSOCIE

**Patent Applicant/Patent Assignee:**

- **ACCENTURE LLP**; 1661 Page Mill Road, Palo Alto, CA 94304  
US; US(Residence); US(Nationality)

**Legal Representative:**

- **HICKMAN Paul L(agent)**  
Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Road, Palo Alto, CA 94304; US;

	Country	Number	Kind	Date
Patent	WO	200139029	A2	20010531
Application	WO	2000US32309		20001122
Priorities	US	99444655		19991122
	US	99444886		19991122

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
<b>G06F-017/60</b>	Main

Publication Language: English

Filing Language: English

Fulltext word count: 157840

**Detailed Description:**

...Accordance

With A Preferred Embodiment

In today's telephony enviromrient, a caller must contact an **operator** to **initiate** a conference call and/or have all parties dial a common number to connect into... ..ITU H.225 ITU Recommendation for Media Stream Packetization and Synchronization on nonguaranteed quality of **service** LANs.

ITU H.230 Frame-synchronous Control and Indication Signals for Audiovisual Systems 1 5...first and second events obtained in steps 4504 and 4506. Preferably the fault message is **created** utilizing a comprehensive library of all possible message types and network events which categorizes the...

16/3K/6 (Item 4 from file: 349) **Links**

PCT FULLTEXT

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00761430

**SYSTEM, METHOD AND COMPUTER PROGRAM FOR REPRESENTING PRIORITY INFORMATION CONCERNING COMPONENTS OF A SYSTEM**

SYSTEME, METHODE ET ARTICLE FABRIQUE PERMETTANT DE CLASSER PAR ORDRE DE PRIORITE DES COMPOSANTS D'UNE STRUCTURE DE RESEAU NECESSAIRES A LA MISE EN OEUVRE D'UNE TECHNIQUE

**Patent Applicant/Patent Assignee:**

- **ANDERSEN CONSULTING LLP**; 100 South Wacker Drive, Chicago, IL 60606  
US; US(Residence); US(Nationality)

**Legal Representative:**

- **BRUESS Steven C(agent)**  
Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903; US;

	Country	Number	Kind	Date
Patent	WO	200073956	A2-A3	20001207
Application	WO	2000US14406		20000524
Priorities	US	99321274		19990527

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

Publication Language: English

Filing Language: English

Fulltext word count: 149024

**Detailed Description:**

...database is created that includes all of the products and services of at least two **vendors** of web-based products or **services**. The products and services in the database are compared to the components of the network... 45c. In operation 45d, each component that matches a service or product offered by a **vendor** is indicia coded on the graphical representation created in operation 44, with the indicia coding... tangible.

**Media Content Creation**

As systems become increasingly user-facing, it is important to design **user** interfaces that are not only functional, but also engaging and informative. This is especially true...

16/3K/7 (Item 5 from file: 349) [Links](#)

PCT FULLTEXT

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00761424

**A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY**  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE

**Patent Applicant/Patent Assignee:**

- **ACCENTURE LLP**; 100 South Wacker Drive, Chicago, IL 60606  
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**Legal Representative:**

## Code generation

Include file generation

Help text / module description generation

Trace code generation

Shell generation is the process of generating a starting point for programming.

Shell generation is typically repository-based but can also be... ..large number of developers which makes it difficult to enforce

standards and consistency among developers?

Generators are typically used to enforce and maintain consistency throughout an application. The main benefit is...

...developers or a large amount of code?

d) Can significant time be saved by creating generators to generate code for reuse

and regenerated code to propagate changes?

Generators are used to leverage the powers...

16/3K/8 (Item 6 from file: 349) [Links](#)

PCT FULLTEXT

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00344642

## SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS

Patent Applicant/Patent Assignee:

- ELECTRONIC PUBLISHING RESOURCES INC;

::

	Country	Number	Kind	Date
Patent	WO	9627155	A2	19960906
Application	WO	96US2303		19960213
Priorities	US	95388107		19950213

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Main International Patent Classes (Version 7):

IPC	Level
G06F-001/00	Main
G06F-17:60	

Publication Language: English



26/5/1 (Item 1 from file: 348) [Links](#)

**EUROPEAN PATENTS**

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01930027

**Secure transaction management**

Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung

Procede et dispositif de gestion de transactions securisees

**Patent Assignee:**

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(Applicant designated States: all)

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- **Shear, Victor H.**  
5203 Battery Lane; Bethesda, MD 20814; (US)
- **Van Wie, David M.**  
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**Legal Representative:**

- **Beresford, Keith Denis Lewis (28273)**  
BERESFORD & Co. 16 High Holborn; London WC1V 6BX; (GB)

	Country	Number	Kind	Date	
Patent	EP	1555591	A2	20050720	(Basic)
	EP	1555591	A3	20051123	
Application	EP	2005075672		19960213	
Priorities	US	388107		19950213	

**Designated States:**

AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;  
IT; LI; LU; MC; NL; PT; SE;

**Related Parent Numbers: Patent (Application):**EP 861461 (EP 96922371)

**International Patent Class (V7):** G06F-001/00; G06F-017/60Abstract EP 1555591 A2

A method of and apparatus for assembling software elements to form a component assembly (690) are described. A record (808) containing information identifying the software elements (1000, 1100, 1200, 1202, 690) to be

assembled to form the component assembly is accessed. At least some of the software elements (1000, 1100) identified by the record comprise executable program code and at least one of the software elements is a load module (1100) comprising executable program code and a header (804) having an execution space identifier identifying which of a number of different security levels is required of a component assembly execution space. The software elements identified by the record are assembled to form a component assembly (690) that may, in use, be loaded and executed when the level of security of the component assembly execution space matches the level of security identified by the execution space identifier.

**Abstract Word Count:** 147

**NOTE:** 23

**NOTE:** Figure number on first page: 23

Type	Pub. Date	Kind	Text
Application:	20050720	A2	Published application without search report
Search Report:	20051123	A3	Separate publication of the search report
Change:	20051207	A2	Inventor information changed: 20051018
Change:	20060614	A2	Title of invention (German) changed: 20060614
Change:	20060614	A2	Title of invention (English) changed: 20060614
Change:	20060614	A2	Title of invention (French) changed: 20060614
Change:	20060726	A2	Title of invention (German) changed: 20060726
Change:	20060726	A2	Title of invention (English) changed: 20060726
Change:	20060726	A2	Title of invention (French) changed: 20060726

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200529	1002
SPEC A	(English)	200529	194028
Total Word Count (Document A) 195030			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 195030			

26/5/2 (Item 2 from file: 348) [Links](#)

EUROPEAN PATENTS

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01898247

**Systems and methods for secure transaction management and electronic rights protection**

Systeme und Verfahren zur Verwaltung von gesicherten Transaktionen und zum Schutz von elektronischen Rechten

Systemes et procedes pour gerer des transactions securisees et pour proteger des droits electroniques

**Patent Assignee:**

- **Intertrust Technologies Corp.;** (2434320)  
460 Oakmead Parkway; Sunnyvale, CA 94086-4708; (US)

transactions. Distributed and other operating systems, environments and architectures, such as, for example, those using tamper-resistant hardware-based processors, may establish security at each node. These techniques may be used to support an all-electronic information distribution, for example, the utilizing the "electronic higher".

**Abstract Word Count: 151**

**NOTE: 75**

**NOTE: Figure number on first page: 75**

Type	Pub. Date	Kind	Text
Application:	20050518	A2	Published application without search report
Examination:	20050518	A2	Date of request for examination: 20041123
Change:	20060222	A2	Title of invention (German) changed: 20060222
Change:	20060222	A2	Title of invention (English) changed: 20060222
Search Report:	20060222	A3	Separate publication of the search report
Change:	20060726	A2	Title of invention (German) changed: 20060726
Change:	20060726	A2	Title of invention (English) changed: 20060726
Change:	20060726	A2	Title of invention (French) changed: 20060726
Change:	20061025	A2	Title of invention (German) changed: 20061025
Change:	20061025	A2	Title of invention (English) changed: 20061025
Change:	20061025	A2	Title of invention (French) changed: 20061025
Change:	20070117	A2	Title of invention (German) changed: 20070117
Change:	20070117	A2	Title of invention (English) changed: 20070117
Change:	20070117	A2	Title of invention (French) changed: 20070117

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200520	173
SPEC A	(English)	200520	167172
Total Word Count (Document A) 167372			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 167372			

26/5/3 (Item 3 from file: 348) [Links](#)

EUROPEAN PATENTS

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01888484

**Systems and methods for secure transaction management and electronic rights protection**

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

**Patent Assignee:**

monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Distributed and other operating systems, environments and architectures, such as, for example, those using tamper-resistant hardware-based processors, may establish security at each node. These techniques may be used to support an all-electronic information distribution, for example, the utilizing the "electronic higher".

**Abstract Word Count: 151**

**NOTE: 75**

**NOTE: Figure number on first page: 75**

Type	Pub. Date	Kind	Text
Application:	20050427	A2	Published application without search report
Examination:	20050427	A2	Date of request for examination: 20041130
Assignee:	20050511	A2	Transfer of rights to new applicant: Intertrust Technologies Corp. (2434320) 460 Oakmead Parkway Sunnyvale, CA 94086-4708 US
Change:	20050601	A2	Inventor information changed: 20050411
Change:	20060726	A2	Title of invention (German) changed: 20060726
Change:	20060726	A2	Title of invention (English) changed: 20060726
Change:	20060726	A2	Title of invention (French) changed: 20060726
Search Report:	20060726	A3	Separate publication of the search report
Change:	20070117	A2	Title of invention (German) changed: 20070117
Change:	20070117	A2	Title of invention (English) changed: 20070117
Change:	20070117	A2	Title of invention (French) changed: 20070117

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200517	355
SPEC A	(English)	200517	167222
Total Word Count (Document A) 167604			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 167604			

26/5/4 (Item 4 from file: 348) [Links](#)

EUROPEAN PATENTS

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01869029

**Systems and methods for secure transaction management and electronic rights protection**

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

**Patent Assignee:**

**NOTE: 75C**

**NOTE: Figure number on first page: 75C**

Type	Pub. Date	Kind	Text
Application:	20050316	A2	Published application without search report
Examination:	20050316	A2	Date of request for examination: 20041123
Search Report:	20050323	A3	Separate publication of the search report
Assignee:	20050511	A2	Transfer of rights to new applicant: Intertrust Technologies Corp. (2434320) 460 Oakmead Parkway Sunnyvale, CA 94086-4708 US
Change:	20060726	A2	Title of invention (German) changed: 20060726
Change:	20060726	A2	Title of invention (English) changed: 20060726
Change:	20060726	A2	Title of invention (French) changed: 20060726
Change:	20070117	A2	Title of invention (German) changed: 20070117
Change:	20070117	A2	Title of invention (English) changed: 20070117
Change:	20070117	A2	Title of invention (French) changed: 20070117

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200511	276
SPEC A	(English)	200511	167210
Total Word Count (Document A) 167486			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 167486			

26/5/5 (Item 5 from file: 348) [Links](#)

EUROPEAN PATENTS

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01796015

**Mobile electronic commerce system**

Mobiles elektronisches Handelssystem

Système de commerce électronique mobile

**Patent Assignee:**

- MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD;** (216884)  
1006, Oaza-Kadoma; Kadoma-shi, Osaka 571-0000; (JP)  
(Applicant designated States: all)

**Inventor:**

- Takayama, Hisashi**

Total Word Count (Document B) 0
Total Word Count (All Documents) 177979

26/5/6 (Item 6 from file: 348) Links

EUROPEAN PATENTS

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01752676

**Systems and methods for secure transaction management and electronic rights protection**

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

**Patent Assignee:**

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460 Oakmead Parkway; Sunnyvale, CA 94086-4708; (US)  
(Applicant designated States: all)

**Inventor:**

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10404 43rd Avenue; Beltsville Maryland 20705; (US)
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- **Spahn, Francis J.**  
2410 Edwards Avenue; El Cerrito California 94530; (US)
- **van Wie, David M.**  
1250 Lakeside Drive; Sunnyvale California 94086; (US)

**Legal Representative:**

- **Smith, Norman Ian et al (36041)**  
fJ CLEVELAND 40-43 Chancery Lane; London WC2A 1JQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1431864	A2	20040623	(Basic)
	EP	1431864	A3	20050216	
Application	EP	2004075701		19960213	
Priorities	US	388107		19950213	

**Designated States:**

AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;

IT; LI; LU; MC; NL; PT; SE;

**Related Parent Numbers: Patent (Application):**EP 861461 (EP 96922371)

**International Patent Class (V7): G06F-001/00; G06F-017/60Abstract EP 1431864 A2**

The present invention provides systems and methods for secure transaction management and electronic rights protection. Electronic appliances such as computers equipped in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Distributed and other operating systems, environments and architectures, such as, for example, those using tamper-resistant hardware-based processors, may establish security at each node. These techniques may be used to support an all-electronic information distribution, for example, the utilizing the "electronic higher".

**Abstract Word Count: 151****NOTE: 77****NOTE: Figure number on first page: 77**

Type	Pub. Date	Kind	Text
Application:	20040623	A2	Published application without search report
Examination:	20040623	A2	Date of request for examination: 20040304
Change:	20050216	A2	International Patent Classification changed: 20041230
Search Report:	20050216	A3	Separate publication of the search report
Assignee:	20050511	A2	Transfer of rights to new applicant: Intertrust Technologies Corp. (2434320) 460 Oakmead Parkway Sunnyvale, CA 94086-4708 US
Change:	20060726	A2	Title of invention (German) changed: 20060726
Change:	20060726	A2	Title of invention (English) changed: 20060726
Change:	20060726	A2	Title of invention (French) changed: 20060726
Change:	20070117	A2	Title of invention (German) changed: 20070117
Change:	20070117	A2	Title of invention (English) changed: 20070117
Change:	20070117	A2	Title of invention (French) changed: 20070117

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	1450
SPEC A	(English)	200426	166929
Total Word Count (Document A) 168379			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 168379			

26/5/7 (Item 7 from file: 348) [Links](#)

EUROPEAN PATENTS

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01030324

**MOBILE ELECTRONIC COMMERCE SYSTEM**  
**MOBILES ELEKTRONISCHES HANDELSYSTEM**  
**SYSTEME DE COMMERCE ELECTRONIQUE MOBILE**

**Patent Assignee:**

- **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD;** (216884)  
1006, Oaza-Kadoma; Kadoma-shi, Osaka 571-0000; (JP)  
(Applicant designated States: all)

**Inventor:**

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**Legal Representative:**

- **Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)**  
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	Country	Number	Kind	Date	
Patent	EP	950968	A1	19991020	(Basic)
	WO	9909502		19990225	
Application	EP	98937807		19980813	
	WO	98JP3608		19980813	
Priorities	JP	97230564		19970813	

**Designated States:**

DE; FR; GB;

**Related Divisions: Patent (Application):** (EP 2004015278)

**International Patent Class (V7):** G06F-017/60Abstract EP 950968 A1

The objective of the present invention is to provide a mobile electronic commerce system that is superior in safety and usability. The mobile electronic commerce system comprises an electronic wallet 100, supply sides 101, 102, 103, 104 and 105, and a service providing means 110 that is connected by communication means. The service providing means installs a program for an electronic ticket, an electronic payment card, or an electronic telephone card. The electronic wallet employs the installed card to obtain a product or a service or entrance permission. The settlement process is performed by the electronic wallet and the supply side via the communication means, and data obtained during the settlement process are managed by being transmitted to the service providing means at a specific time. A negotiable card can be easily obtained, and when the negotiable card is used the settlement process can be quickly and precisely performed.



**Patent Assignee:**

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1006, Oaza Kadoma; Kadoma-shi, Osaka-fu, 571; (JP)  
(applicant designated states: DE;FR;GB)

**Inventor:**

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**Legal Representative:**

- **Casalonga, Axel et al (14511)**  
BUREAU D.A. CASALONGA - JOSSE Morassistrasse 8; 80469 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	910028	A1	19990421	(Basic)
	WO	9821677		19980522	
Application	EP	97912468		19971114	
	WO	97JP4161		19971114	
Priorities	JP	96316897		19961114	
	JP	97117681		19970422	

**Designated States:**

DE; FR; GB;

**International Patent Class (V7): G06F-017/60; ; CITED PATENTS: (WO A)**

Y Y X; Abstract EP 910028 A1

According to the present invention provided is a settlement means that is superior in safety and usability. The settlement means comprises: payment means 100 including a plurality of systems of communication means; charging means 101 including a plurality of systems of communication means; and settlement means 102 including a plurality of systems of communication means. Since the payment means and the settlement means exchange transaction data by communicating with each other, it is possible to prevent the assessment of an illegal charge by the charging means. In addition, since a signature (a digital signature) and an accounting statement are exchanged by communication between the payment means and the charging means, the efficiency of the sale can be improved.

**Abstract Word Count: 119**

Type	Pub. Date	Kind	Text
Change:	20060726	A1	Title of invention (German) changed: 20060726
Application:	19981007	A1	International application (Art. 158(1))
Change:	20060726	A1	Title of invention (French) changed: 20060726
Change:	20060726	A1	Title of invention (English) changed: 20060726
Application:	19990421	A1	Published application (A1 with; A2 without)

Abstract Word Count: 150

NOTE: 1

NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text
Change:	20040310	A1	International Patent Classification changed: 20040123
Application:	19990519	A1	International application (Art. 158(1))
Change:	20050119	A1	Inventor information changed: 20041202
Change:	20040818	A1	Application number of divisional application (Article 76) changed: 20040701
Change:	20040818	A1	Application number of divisional application (Article 76) changed: 20040701
Search Report:	20040519	A1	Date of drawing up and dispatch of supplementary:search report 20040406
Examination:	20040811	A1	Date of dispatch of the first examination report: 20040629
Change:	20040922	A1	Legal representative(s) changed 20040804
Examination:	20040811	A1	Date of dispatch of the first examination report: 20040629
Change:	20040922	A1	Legal representative(s) changed 20040804
Application:	19991020	A1	Published application with search report
Examination:	19991020	A1	Date of request for examination: 19990825

Publication: English

Procedural: English

Application:Japanese

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9942	17239
SPEC A	(English)	9942	160346
Total Word Count (Document A) 177585			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 177585			

26/5/8 (Item 8 from file: 348) [Links](#)

EUROPEAN PATENTS

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00957813

## **PERSONAL ELECTRONIC SETTLEMENT SYSTEM, ITS TERMINAL, AND MANAGEMENT APPARATUS**

PERSONLICHES ELEKTRONISCHES REGELUNGSSYSTEM, TERMINAL UND MANAGEMENTAPPARAT  
SYSTEME DE REGLEMENT ELECTRONIQUE PERSONNEL, TERMINAL DE CE DERNIER ET APPAREIL  
PERMETTANT DE GERER CE SYSTEME

Examination:	19990421	A1	Date of filing of request for examination: 981012
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Publication: English

Procedural: English

Application: Japanese

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9916	12261
SPEC A	(English)	9916	116678
Total Word Count (Document A) 128939			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 128939			

26/5/9 (Item 9 from file: 348) [Links](#)

EUROPEAN PATENTS

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00499287

**METHOD AND SYSTEM FOR REMOTE DELIVERY OF RETAIL BANKING SERVICES**  
**VERFAHREN UND SYSTEM ZUR FERNVERTEILUNG FUR DEN KLEINHANDELBANKVERKEHR**  
**PROCEDE ET SYSTEME DE PRESTATION A DISTANCE DE SERVICES BANCAIRES DE DETAIL**

**Patent Assignee:**

- **ONLINE RESOURCES & COMMUNICATIONS CORPORATION;** (1387560)  
1313 Dolly Madison Boulevard, Suite 300; McLean, VA 22101; (US)  
(applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

**Inventor:**

- **LAWLOR, Matthew, P.**  
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- **CARMODY, Timothy, E.**  
1211 Summit Road; McLean, VA 22101; (US)

**Legal Representative:**

- **Kenrick, Mark Lloyd (142311)**  
Marks & Clerk, Sussex House, 83-85 Mosley Street; Manchester M2 3LG; (GB)

	Country	Number	Kind	Date	
Patent	EP	504287	A1	19920923	(Basic)
	EP	504287	A1	19931222	
	EP	504287	B1	19990721	
	WO	9109370		19910627	
Application	EP	91901390		19901210	
	WO	90US7153		19901210	

			State: DE 970724
Lapse:	19980114	B1	Date of lapse of the European patent in a Contracting State: DE 970724, FR 970919
Oppn None:	19980415	B1	No opposition filed
Lapse:	19991020	B1	Date of lapse of European Patent in a contracting state (Country, date): DE 19970724, FR 19970919, IT 19970423,

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)		507
SPEC A	(English)		7759
CLAIMS B	(English)	EPAB97	313
CLAIMS B	(German)	EPAB97	280
CLAIMS B	(French)	EPAB97	377
SPEC B	(English)	EPAB97	7925
Total Word Count (Document A) 8266			
Total Word Count (Document B) 8895			
Total Word Count (All Documents) 17161			

26/5/11 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00573437

# **METHOD FOR ORGANIZING THE EXCHANGE OF PRODUCTS AND SERVICES BY MEANS OF A TELECOMMUNICATIONS NETWORK**

PROCEDE D'ORGANISATION DE L'ECHANGE DE PRODUITS ET DE SERVICES AU MOYEN D'UN RESEAU DE TELECOMMUNICATIONS

**Patent Applicant/Patent Assignee:**

- **HELSINGIN PUHELIN OYJ - HELSINGFORS TELEFON ABP;**

;;

- **ISOTALO Lauri;**

;;

	Country	Number	Kind	Date
Patent	WO	200036810	A2	20000622
Application	WO	99FI1002		19991202
Priorities	FI	982607		19981202

Set	Items	Description
S1	1717	S (PROVIDER? ? OR SUPPL??? OR DEALER? OR VENDOR? ? OR SELLER? ? OR CONTRACT?R? ?) (5N) (DATA() (TECHNOLOGY OR SYSTEM? ? OR PROCESSING OR SERVICES) OR COMPUTER(3N) (BASE? OR GENERAT??? OR PROVID???))
S2	1983567	S INSURANCE? ? OR REFUEL??? OR GAS OR CONVENIENCE() STORE OR (CAR? ? OR AUTO? ? OR TRUCK? ? OR VEHICLE? ?) (2N) (REPAIR OR SERVICE OR LEASE OR RENT) OR TRAVEL??? OR SIGHT() SEEING OR TRAVEL() AGEN? OR MAP? ? OR TICKET? ? OR EVENT? ? OR TRAFFIC OR INFORMATION(2N) (PROVIDER OR SERVICE? ? OR PRODUCT? ?) OR AUTO(2N) SERVICE? ? OR CAR(4N) SERVICE? ?
S3	704798	S AUTOMOBILE? OR AUTOMOTIVE OR AUTO OR AUTOS OR VEHICLE? OR CAR OR CARS OR TRUCK? ? OR PICKUP? ? OR VAN OR VANS
S4	2620654	S MULTITUD? OR MANY OR PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MULTI OR NUMEROUS OR (LARGE OR UNUSUAL) () (NUMBER OR QUANTIT??? OR AMOUNT? ?) OR MORE() THAN() ONE
S5	37779	S (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) (VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S6	30719	S (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR SUBSCRIBER? ? OR ENROLEE? ? OR PARTICIPANT? ? OR PARTICIPAT?R? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?) (5N) (GENERAT??? OR ACCOMPLISH? OR BRING() ABOUT OR CREATE? OR INITIAT?) OR SELF() SERVICE
S7	218760	S S2(S) S4
S8	26	S S7(S) S1
S9	0	S S8(S) S3
S10	0	S S8 AND S3
S11	0	S S8 AND S5
S12	88	S S6 AND S5
S13	5	S S12 AND S3
S14	4	S S13 NOT PY>2000
S15	4	RD (unique items)
S16	0	S (INFORMATION(2N) SYSTEM? ?) (2N) SERVICE? ? AND IN() (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) (VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S17	0	S (SERVICE OR INFORMATION(2N) SYSTEM) AND (IN() (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?) (5N) ((PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?) (5N) (GENERAT??? OR ACCOMPLISH?))
S18	31	S (SERVICE OR INFORMATION(2N) SYSTEM) AND (CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR DOLLAR? ?) AND ((PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?) (5N) (GENERAT??? OR ACCOMPLISH?))
S19	18	S S18 NOT PY>2000
S20	17	RD (unique items)

; show files

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(c) 2007 The New York Times. All rights reserved.

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*\*File 583: This file is no longer updating as of 12-13-2002.*

[File 169] **Insurance Periodicals** 1984-1999/Nov 15  
(c) 1999 NILS Publishing Co. All rights reserved.  
*\*File 169: This file is closed (no longer updating).*

15/3,K/1 (Item 1 from file: 583) [Links](#)

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09078674

**Cofiroute lance sa carte de fidZlisation**

FRANCE: COFIROUTE LAUNCHES CUSTOMER LOYALTY CARD

StratZgies Newsletter ( APK ) 19 Mar 1999 p.2

**Language:** FRENCH

Following a test operation based on 13,000 **vehicles**, the motorway concessionaire for central and western France, Cofiroute, has launched a customer loyalty card named FidZliroute. The Rapp Collins agency **created** the card, which will offer **users** diverse offers from **credits** granted through the **payment** of toll fees. Rapp Collins is also responsible for communication which has the aim of...

15/3,K/2 (Item 2 from file: 583) [Links](#)

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06391288

**Shell looks at possibility of self-serve gas stations**

THAILAND: SELF SERVICE PETROL KIOSK UNDER STUDY

Bangkok Post ( XBN ) 01 Nov 1996 Business P.4

**Language:** ENGLISH

THAILAND: SELF SERVICE PETROL KIOSK UNDER STUDY

15/3,K/3 (Item 3 from file: 583) [Links](#)

Gale Group Globalbase(TM)

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06307772

**Caltex to invest RM 50m in automation network**

MALAYSIA: CALTEX PLANS RETAIL AUTOMATION NETWORK

The Star ( XAT ) 08 May 1996 Business p.2

**Language:** ENGLISH

...mn. With the Caltex\*Net, all Caltex's petrol stations in Malaysia will be using **self-service** concept. Drivers will have to fill petrol for its **car** by themselves and **payment** will be made by swiping **credit** card at the petrol pump.

15/3,K/4 (Item 4 from file: 583) [Links](#)

Gale Group Globalbase(TM)

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06284080

**New Services at PTT stations will raise profits**

THAILAND: PPT TO REAP MORE WITH NEW SERVICES

Bangkok Post ( XBN ) 16 Mar 1996 P. 24

**Language:** ENGLISH

...its 30 service stations. Station owners will also be trained to investigate insurance claims following **automobile** accidents within their area. 2. upgrade its service stations into **self-service** stations with automatic **payments** with **credit** cards. 3. increasing more convenience stores to its service stations from 18 to 30 in ...



20/3,K/1 (Item 1 from file: 2) [Links](#)

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INSPEC

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07693732 **INSPEC Abstract Number:** C2000-10-6160D-006

**Title:** Compositional algebra for interactive data access

**Author** Moro, G.; Natali, A.; Sartori, C.

**Author Affiliation:** Dept. of Electron., Comput. Sci. & Syst., Bologna Univ., Italy

**Journal:** Information Systems vol.25, no.5 p. 367-91

**Publisher:** Elsevier ,

**Publication Date:** July 2000 **Country of Publication:** UK

**CODEN:** INSYD6 **ISSN:** 0306-4379

**SICI:** 0306-4379(200007)25:5L:367:CAID;1-P

**Material Identity Number:** I275-2000-006

**U.S. Copyright Clearance Center Code:** 0306-4379/2000/\$20.00

**Language:** English

**Subfile:** C

Copyright 2000, IEE

**Abstract:** ...traditional computational models; on the contrary, as the interaction is an integral part of the **service** paradigm, the user interaction is computed starting from the declarative specification of the data access itself. The combination of services in a **service** expression through the operators defined by the **service** algebra makes it possible to **generate** cooperating **user** interfaces for complex data navigation and manipulation. Through algebraic properties, which hold both from the data and user interface **point** of view, the **service** expressions can be simplified and optimized, guaranteeing their initial semantics. The paper shows the application of the **service** algebra to the relational environment by means of a simple extension to SQL. Finally, it... ..developing and distributing services in Web environment. Services and combination of services expressed with the **service** algebra are **automatically** translated into Java objects, allowing the rapid development of platform independent data access services.

**Identifiers:** ...service paradigm... ..service expression... ..service algebra

20/3,K/2 (Item 2 from file: 2) [Links](#)

INSPEC

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07004794 **INSPEC Abstract Number:** B9810-6210M-001

**Title:** On the capabilities of on-off models to capture arbitrary ATM sources

**Author** Galmes, S.; Puigjaner, R.

**Author Affiliation:** Dept. of Math. & Comput. Sci., Univ. of the Balearic Islands, Spain

**Conference Title:** Proceedings. IEEE INFOCOM '98, the Conference on Computer Communications. Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies. Gateway to the 21st Century (Cat. No.98CH36169) **Part** vol.3 p. 1333-40 vol.3

**Publisher:** IEEE , New York, NY, USA

**Publication Date:** 1998 **Country of Publication:** USA 3 vol. xxviii+1477 pp.

**ISBN:** 0 7803 4383 2 **Material Identity Number:** XX98-00852

**U.S. Copyright Clearance Center Code:** 0 7803 4383 2/98/\$10.00

**Conference Title:** Proceedings IEEE INFOCOM'98 Conference on Computer Communications Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies Gateway to the 21st Century

**Conference Sponsor:** IEEE Comput. Soc.; IEEE Commun. Soc

**Conference Date:** 29 March-2 April 1998   **Conference Location:** San Francisco, CA, USA

**Language:** English

**Subfile:** B

Copyright 1998, IEE

**Abstract:** ...emerging applications. In the context of B-ISDN and the new age of information, the user terminal will generate data, voice, video and, in general, multimedia traffic. ATM is the selected mechanism for the... proper design of this network requires cost-effective solutions that may satisfy the quality of service constraints of all the connections. To achieve this goal, an accurate characterization of the traffic... that are relevant to network performance. A review of literature shows that, from a general point of view, this objective has been reached, but with two drawbacks: traffic models are application... captures the average rate and burstiness of any source in an exact way, and the autocorrelation function in an optimal way. Finally, numerical results for different types of video sources are...

**Identifiers:** ...quality of service constraints... autocorrelation function

20/3,K/3 (Item 3 from file: 2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

INSPEC

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06975042   **INSPEC Abstract Number:** C9809-7260-001

**Title:** Library instruction vs. information competency: it's not just bibliographic instruction anymore

**Author** Paris Powell, A.; Wilson, P.S.

**Author Affiliation:** Agric. Libr., Kentucky Univ., Lexington, KY, USA

**Journal:** Quarterly Bulletin of the International Association of Agricultural Information Specialists Conference

**Title:** Q. Bull. Int. Assoc. Agric. Inf. Spec. (USA)   vol.42, no.3-4   p. 250-6

**Publisher:** Int. Assoc. Agricultural Inf. Specialists,

**Publication Date:** 1997   **Country of Publication:** USA

**CODEN:** QBISFC   **ISSN:** 1019-9926

**SICI:** 1019-9926(1997)42:3/4L:250:LIIC;1-B

**Material Identity Number:** G229-98002

**Conference Title:** USAIN/IAALD 97. 'Information Frontier: Linking People and Resources in a Changing World'

**Conference Date:** 3-5 April 1997   **Conference Location:** Tucson, AZ, USA

**Language:** English

**Subfile:** C

Copyright 1998, IEE

**Abstract:** ...in 1974 with the library literacy program that offered on demand workshops, an undergraduate for-credit course, graduate workshops and programs to extension personnel. By 1988 the program had moved into... the undergraduate students. The information literacy program of 1994 emphasized the ability to use the information system in general. Another shift is occurring and we are now moving into information competency where... that the user becomes fully competent in the appropriate system for the appropriate use. To accomplish this the programs must be user driven, flexible, and assessment must be done to measure effectiveness.

**Descriptors:** ...library automation;

**Identifiers:** ...information system

20/3,K/4 (Item 4 from file: 2) [Links](#)

INSPEC

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06939907 **INSPEC Abstract Number:** C9807-7810C-080

**Title:** Technology needs for Web-based technical training

**Author** Plocher, T.A.; Hillman, S.L.

**Author Affiliation:** Honeywell Inc., Minneapolis, MN, USA

**Conference Title:** Design of Computing Systems: Cognitive Considerations. Proceedings of the Seventh International Conference on Human-Computer Interaction (HCI International '97) **Part** vol.2 p. 103-6 vol.2

**Editor(s):** Salvendy, G.; Smith, M.J.; Koubek, R.J.

**Publisher:** Elsevier, Amsterdam, Netherlands

**Publication Date:** 1997 **Country of Publication:** Netherlands 2 vol. (xxvi+879+xxviii+1027) pp.

**ISBN:** 0 444 82183 X **Material Identity Number:** XX98-01308

**Conference Title:** Proceedings of HCI International 97. 7th International Conference on Human Computer Interaction jointly with 13th Symposium on Human Interface

**Conference Date:** 24-29 Aug. 1997 **Conference Location:** San Francisco, CA, USA

**Language:** English

**Subfile:** C

Copyright 1998, IEE

**Abstract:** Honeywell annually invests millions of dollars in training for its sales, engineering, and field service personnel. The three major Honeywell learning centers also have responsibility for training the customers and users of Honeywell products. The revenue generated by customer training, per se, is significant. However, the importance of our training services to customer satisfaction ... to quantify, also has an important impact on revenues. Given this flow of training related dollars, enhancements to Honeywell's training services resulting in more efficient course production and delivery, and... and development project was undertaken by the Honeywell Technology Center, in collaboration with the Honeywell Automation College and several of its major industrial processing customers. The goal of the study was...

**Identifiers:** ...field service personnel...

20/3,K/5 (Item 5 from file: 2) [Links](#)

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INSPEC

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06330230 **INSPEC Abstract Number:** B9609-8110B-009, C9609-3340H-025

**Title:** Custom Power: optimizing distribution services

**Author** Douglas, J.

**Journal:** EPRI Journal vol.21, no.3 p. 6-11, 13, 15

**Publisher:** Electric Power Res. Inst,

**Publication Date:** May-June 1996 **Country of Publication:** USA

**CODEN:** EPRJDS **ISSN:** 0362-3416

**SICI:** 0362-3416(199605/06)21:3L:6:CP0D;1-Q

**Material Identity Number:** A604-96003

**Language:** English

**Subfile:** B C

Copyright 1996, IEE

**Abstract:** ...disturbances that once would barely have been noticed may now produce costly malfunctions in critical customer equipment. Fortunately, a new generation of power electronic controllers is becoming available for use on distribution systems, which will enable... sensitive loads. The first of these controllers, called Custom Power

devices, are now entering utility service, providing a cost-effective alternative to the power-conditioning equipment previously installed on customers' premises. Eventually the integration of Custom Power controllers with distribution automation equipment will help create distribution systems that are optimized from both the utility's and the customer's point of view. The Custom Power devices discussed include switches, dynamic voltage restorer, static compensator, and...

**Identifiers:** ...distribution automation equipment...

20/3,K/6 (Item 6 from file: 2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)  
INSPEC

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03460127 **INSPEC Abstract Number:** C85029675

**Title:** American Express implements office automation to aid customer service

**Author** Spechler, J.W.

**Journal:** Industrial Engineering vol.16, no.12 p. 46-51

**Publication Date:** Dec. 1984 **Country of Publication:** USA

**CODEN:** IDLEB9 **ISSN:** 0019-8234

**U.S. Copyright Clearance Center Code:** 0019-8234/84\$03.00/0

**Language:** English

**Subfile:** C

**Title:** American Express implements office automation to aid customer service

**Abstract:** ...the beginning of the decade, the need for further expansion of the application of office automation technology became acute in companies performing major customer service functions having labor intensive clerical functions. In these firms, increasing complexity of transactions, expansion of... This was particularly the case at American Express for measurement of and attention to customer service. In addition to creating data bases on all customers' accounts, there is a capability to communicate with customers through an automated letter generation facility. One application of this facility is the automatic release of dunning letters to cardmembers whose accounts are past due. Hundreds of different letters...

**Descriptors:** credit transactions... office automation

**Identifiers:** credit transactions... office automation; ... customer service;

20/3,K/7 (Item 7 from file: 2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)  
INSPEC

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03417422 **INSPEC Abstract Number:** D85000915

**Title:** The US scene: audiotex makes itself heard

**Author** Lane, M.

**Journal:** Videotex World vol.1, no.1 p. 21-4, 42

**Publication Date:** Sept. 1984 **Country of Publication:** Canada

**CODEN:** VIWOE3 **ISSN:** 0823-8294

**Language:** English

**Subfile:** D

**Abstract:** Audiotex is an **automated** voice-delivered, interactive information **service**. Within audiotex systems the degree of **automation** can vary from prerecorded tapes triggered by **user** selection, to computer-generated speech from ASCII files. The degree of interaction can also vary from the user keying... ..Jones are the first two companies to use audiotex in a commercial venture. Dow Jones' **service** is called DowPhone, and offers stock quotes and business news in audiotex form. Dun and Bradstreet's DunsVoice **service** allows the user to call up-again using any touch-tone telephone-and obtain corporate **credit** information. The advantage of audiotex to the system operator is that providing an audiotex system...

**Identifiers:** **automated** voice delivered interactive information **service**; ... ..corporate **credit** information

20/3,K/8 (Item 8 from file: 2) [Links](#)

INSPEC

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01353424 **INSPEC Abstract Number:** B72008060

**Title:** No. 1 ESS-PBX service offering by an electronic central office

**Author** Oehring, H.; Wickham, T.F.

**Author Affiliation:** Bell Telephone Labs., Naperville, IL, USA

**Conference Title:** Proceedings of the IEEE fall electronics conference p. 56

**Publisher:** IEEE, New York, NY, USA

**Publication Date:** 1971 **Country of Publication:** USA xxi+513 pp.

**Conference Sponsor:** IEEE

**Conference Date:** 18-20 Oct. 1971 **Conference Location:** Chicago, IL, USA

**Language:** English

**Subfile:** B

**Title:** No. 1 ESS-PBX service offering by an electronic central office

**Abstract:** The authors point out the advantages of a stored program controlled switching system when attempting to provide a greater variety of customer service features. PBX-CO service is a software feature package that provides PBX series 100-300 service without the usually associated complex switching apparatus on the customer premise. This new offering accomplished with software changes only provides PBX attendant positions using normal telephone sets, call directors or...

**Identifiers:** ...automatic telephone exchanges

20/3,K/9 (Item 9 from file: 2) [Links](#)

INSPEC

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01264026 **INSPEC Abstract Number:** B71020297, C71011670

**Title:** The new control center for Iowa Power and Light Company

**Author** Lyon, J.R.; Carlberg, H.A.

**Author Affiliation:** Iowa Power & Light Co., Des Moines, IA, USA

**Conference Title:** Proceedings of the American Power Conference **Part 32** p. 1112-23

**Publisher:** American Power Conference, Chicago, IL, USA

**Publication Date:** 1970 **Country of Publication:** USA xliii+1148 pp.

**Conference Sponsor:** Illinois Inst. Technol.; American Inst. Chem. Engrs.; American Inst. Mining, Metallurgical and Petroleum Engrs.; American Nucl. Soc.; American Soc. Civil Engrs.; American Soc. Heating, Refrigerating and Air Conditioning Engrs.; American Soc. Mech. Engrs. etc

**Conference Date:** 21-23 April 1970 **Conference Location:** Chicago, IL, USA

**Language:** English

**Subfile:** B C

**Abstract:** ...Power and Light Company and General Electric Company. Installation is now complete, with an in-service date of February 13, 1970. Parts of the total system have been functional since early... ..in the utility industry to encompass a broad scope of functional activities, extending from the **generator** to the **point of customer** utilization. In this paper, emphasis will be on the combined computer-directed control of the...

**Descriptors:** automatic control...

20/3,K/10 (Item 1 from file: 35) [Links](#)

Dissertation Abs Online

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01719993 ORDER NO: AADAA-19950568

**Evaluating the effectiveness of user fee increase in improving the quality of care: Government primary health care services in Indonesia**

**Author:** Maeda, Akiko

**Degree:** Ph.D.

**Year:** 2000

**Corporate Source/Institution:** The Johns Hopkins University ( 0098 )

**Source:** Volume 6011B of Dissertations Abstracts International.

PAGE 5463 . 216 PAGES

**Evaluating the effectiveness of user fee increase in improving the quality of care: Government primary health care services in Indonesia**

**Descriptors:** HEALTH SCIENCES, PUBLIC HEALTH ; HEALTH SCIENCES, HEALTH CARE MANAGEMENT

...increases have been adopted as a means of raising revenues and improving quality of health care in a number of developing countries. The study raises questions of the effectiveness of pricing policies in improving the quality of government primary health care services in Indonesia. The study develops a conceptual model that represents the government health services... ..that are not necessarily motivated by an interest in raising the productivity or quality of care at the point of service delivery. The model also predicts that the dual employment status held by most of the... ..structure, which could have a countervailing effect on the government efforts to improve quality of care, and suggests that additional revenues generated through an increase in user fees does not necessarily translate into quality improvements.

The study tests these hypotheses empirically using... ..to analyze the changes in the quality and utilization rates of the government Primary Health Care services in response to an increase in user fees. The study finds no significant association between an increase in user fees and a range of service quality indicators, including drug availability, patient satisfaction and clinical quality of care. The study also finds a significant negative correlation between the private practice by the head of the facility and the visits rates to the primary care facility, suggesting that the private practice by government workers may reduce their productivity at the government health facilities. These findings point to the importance of taking into account the organizational structure of the health system in ...

20/3,K/11 (Item 2 from file: 35) [Links](#)

Dissertation Abs Online

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01511187 ORDER NO: AAD96-34344

**SPECIFICATION AND ANALYSIS OF STOCHASTIC PROPERTIES FOR CONCURRENT SYSTEMS  
EXPRESSED USING CSP**

**Author:** SHELDON, FREDERICK T.

**Degree:** PH.D.

**Year:** 1996

**Corporate Source/Institution:** THE UNIVERSITY OF TEXAS AT ARLINGTON ( 2502 )

**Source:** Volume 5706B of Dissertations Abstracts International.

PAGE 3856 . 125 PAGES

...while preserving structural relationships and functional nomenclature. In the last phase, the tool reconciles synchronization **points** (for communicating processes), stochastic annotations and generates an executable "spnp.c" file used for stochastic analysis. Numerous command line options provide a high degree of versatility and control to the **user** including the ability to **generate** and view the Petri net graph. CSPN supports systematic specification, **automatic** translation and subsequent augmentation (e.g., failure rates, **service** rates, and transition probabilities) of the resultant Petri nets for assessing stochastic properties of different... ..this work (1) takes the results of the stochastic analysis and provides a formal and **automated** mechanism for annotating those results (and their parameterization) back into the original specification and, (2) those results are then **automatically** incorporated into the computation of subsequent refinements.

20/3,K/12 (Item 3 from file: 35) [Links](#)

Dissertation Abs Online

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01315206 ORDER NO: AAD93-29359

**ESSAYS ON QUEUEING SYSTEMS AND STRATEGIC MARKET GAMES**

**Author:** JAYAWARDENE, ANANDA KRISHNAKUMAR ABEYTUNGA

**Degree:** PH.D.

**Year:** 1993

**Corporate Source/Institution:** YALE UNIVERSITY ( 0265 )

**Source:** Volume 5406B of Dissertations Abstracts International.

PAGE 3323 . 82 PAGES

...essay considers a generalization of the  $M/G/\infty$  queueing system in which each departing **customer** **generates** a random number of arrivals at the instant of departure. It is assumed that **service** is unavailable for occasional periods of time, which are called vacations. Under certain conditions, it is proved that the random measure representing the residual **service** time of the customers, converges in distribution to an independent sum of two random measures... ..the system without vacations. We then consider a continuous polling system in which the server **vehicle** breaks down after travelling a random distance, and is repaired after a random length of... ..investigate how the characterization of the optimal policy and the optimal return function, changes when **credit** and bankruptcy are introduced, and when the assumptions about the utility function are relaxed.

20/3,K/13 (Item 4 from file: 35) [Links](#)

Dissertation Abs Online

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01284858 ORDER NO: AAD93-11945

**INTELLIGENT HYPERMEDIA USER INTERFACE FOR GENERATING PROGRESS NOTES AND  
PHYSICIAN REMINDERS FOR MEDICAL EXPERT SYSTEMS**

**Author:** MA, HUEI-NING NATASHA

**Degree:** PH.D.

**Year:** 1992

**Corporate Source/Institution:** ILLINOIS INSTITUTE OF TECHNOLOGY ( 0091 )

**Source:** Volume 5312B of Dissertations Abstracts International.

PAGE 6397 . 136 PAGES

**INTELLIGENT HYPERMEDIA USER INTERFACE FOR GENERATING PROGRESS NOTES AND  
PHYSICIAN REMINDERS FOR MEDICAL EXPERT SYSTEMS**

**This thesis describes an automated Progress Note System for MEDAS, an integrated medical information system. The Progress Note System makes use of hypermedia/multimedia for its object-oriented design, its...  
...a demonstrational user interface that makes clear to users what options they have at every point.**

**The organization of our progress notes is based on Weed's problem-oriented approach to... ..reminders are based on the American Diabetes Association's position statement on standards of medical care.**

20/3,K/14 (Item 1 from file: 99) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

Wilson Appl. Sci & Tech Abs

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1676070 **H.W. Wilson Record Number:** BAST97008424

**Whatever, wherever, whenever: time is the driving factor**

**Augmented Title:** Cummins Engine Co., Inc.

Engineering and Mining Journal v. 198 (Jan. '97) p. 44-5

**Document Type:** Feature Article ISSN: 0095-8948

**Abstract:** ...R&D among its peers, according to its president. The company currently has a 6 point strategy for excellence and performance. It aims to improve profitability, assure technical leadership, provide the best customer service, invest more in power generation , expand globally, and expand its product line.

**Descriptors:** Truck engines...

20/3,K/15 (Item 1 from file: 583) [Links](#)

Gale Group Globalbase(TM)

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09383703

**Denzel baut Car-Sharing aus**

**AUSTRIA: CAR SHARING WITH DENZEL, OBB**



Die Presse ( DP ) 12 Oct 2000 p.21; Press release(OBB), 12 Oct 2000, p.e

**Language:** GERMAN

**Denzel baut Car-Sharing aus**

**AUSTRIA: CAR SHARING WITH DENZEL, OBB**

With investments of Sch 40mn, the Austrian car dealer Denzel aims to double the number of clients for car sharing, for which it claims to be the only provider in Austria. Currently the service comprises a fleet of 160 vehicles at 110 locations, servicing about 100 companies and 3,000 private customers. Denzel generates an annual turnover of about Sch 40mn with car sharing. The service should break even in 2002. New car sharing points are to be set up mainly at railway stations. Car sharing is already available at 22 railway stations. The cars will be equipped with board computers that are linked to a computer centre to facilitate billing. The car is used with a chipcard, OBB's customer card Vorteils card. The number of Vorteils card holders using car sharing is to be raised to more than 1,000 by the end of year...

**Product: Transportation Motor Vehicle Rent & Lease**

20/3,K/16 (Item 2 from file: 583) [Links](#)

Gale Group Globalbase(TM)

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09240730

**Belgacom abandonne dZfinitivement/**

**BELGIUM: BELGACOM PUTS AN END TO 'DUET' SERVICE**

L'Echo ( EB ) 15 Feb 2000 p.9

**Language:** FRENCH

**BELGIUM: BELGACOM PUTS AN END TO 'DUET' SERVICE**

Belgacom will put an end to the Duet service in April 2000. Subscriptions to this telephone service will be split again, between Proximus for the GSM aspect, and Belgacom for the fixed telephone service. Duet, which reports over 20,000 customers in Belgium, offers an automatic transfer of a fixed telephone call, to a GSM number. To justify the decision, the Belgian telephone operator points out the 'legal uncertainty' generated by the complaint issued by rival, Mobistar, to the European Commission.

20/3,K/17 (Item 3 from file: 583) [Links](#)

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05858753

**Die Batterien sind die Schwachstellen**

**GERMANY:ELECTRIC CARS SERIES PRODUCTION FAR AWAY**

Handelsblatt ( HT ) 18 May 1993 p.15

**Language:** GERMAN

**GERMANY:ELECTRIC CARS SERIES PRODUCTION FAR AWAY**

Referring to a report by the industrial service ps-report, the article deals with the ongoing discussion on the use of

electric **vehicles**. Due to recent problems at **car** and battery makers (BMW, ABB), disillusionment with electric-**vehicle** projects has become apparent. A series production might still be in the distant future. However...  
...safety of the sodium-sulphur accumulators over the next four months and supply them to **customers**. A new battery **generation** with considerably improved power data is to be presented in the spring 1994. A severe impediment to selling more electric **vehicles** is the cost of batteries. A cadmium battery for driving **service**, for example, costs about DM 90,000 at present, says BMW. The article goes into further weak **points** in electric **cars**, mainly the poor driving performance (acceleration and speed) and restricted range.

**Product: Storage Batteries Cars**

Set Items Description

S1 1364 S (PROVIDER? ? OR SUPPL??? OR DEALER? OR VENDOR? ? OR SELLER? ? OR CONTRACT?R?  
?)(5N)(DATA() (TECHNOLOGY OR SYSTEM? ? OR PROCESSING OR SERVICES) OR COMPUTER(3N)(BASE? OR  
GENERAT??? OR PROVID???))

S2 404969 S INSURANCE? ? OR REFUEL??? OR GAS OR CONVENIENCE()STORE OR (CAR? ? OR AUTO? ?  
OR TRUCK? ? OR VEHICLE? ?)(2N)(REPAIR OR SERVICE OR LEASE OR RENT) OR TRAVEL??? OR  
SIGHT()SEEING OR TRAVEL()AGEN? OR MAP? ? OR TICKET? ? OR EVENT? ? OR TRAFFIC OR  
INFORMATION(2N)(PROVIDER OR SERVICE? ? OR PRODUCT? ?) OR AUTO(2N)SERVICE? ? OR  
CAR(4N)SERVICE? ?

S3 170479 S AUTOMOBILE? OR AUTOMOTIVE OR AUTO OR AUTOS OR VEHICLE? OR CAR OR CARS OR  
TRUCK? ? OR PICKUP? ? OR VAN OR VANS

S4 486130 S MULTITUD? OR MANY OR PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MULTI OR  
NUMEROUS OR (LARGE OR UNUSUAL)()(NUMBER OR QUANTIT??? OR AMOUNT? ?) OR MORE()THAN()ONE

S5 52746 S (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)(VALUE? ? OR COUNT OR AMOUNT? ?  
OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)

S6 18151 S (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR SUBSCRIBER? ? OR ENROLEE? ?  
OR PARTICIPANT? ? OR PARTICIPAT?R? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?)(5N)(GENERAT???  
OR ACCOMPLISH? OR BRING()ABOUT OR CREATE? OR INITIAT?) OR SELF()SERVICE

S7 65557 S S2(S)S4

S8 21 S S7(S)S1

S9 3 S S8(S)S3

S10 0 S S9(S)S5

S11 134 S S1(S)S2

S12 11 S S11(S)S3

S13 0 S S12(S)S5

S14 5 S (INFORMATION(2N)SYSTEM? ?)(2N)SERVICE? ? AND IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR  
TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)(VALUE? ? OR COUNT OR AMOUNT?  
? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)

S15 1 S (SERVICE OR INFORMATION(2N)SYSTEM) AND (IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR  
TRUCK? ?)) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N) ((PATRON? ? OR CUSTOMER? ? OR  
CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?)(5N)(GENERAT??? OR ACCOMPLISH?))

S16 6 S S14 OR S15

S17 5 S S16 NOT PY>2000

S18 5 RD (unique items)

S19 5 S ((CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)(3N)(NAVIGATION? OR  
INFORMATION?)(3N)(SYSTEM? ? OR SERVICE? ?)(10N)((POINT? ? OR CREDIT? ?)(5N)(PATRON? ? OR USER? ?  
OR DRIVER? ? OR OPERATOR? ?))

S20 5 S S19 NOT PY>2000

; show files

[File 256] **TecInfoSource** 82-2007/Oct

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[File 625] **American Banker Publications** 1981-2007/Mar 08

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[File 637] **Journal of Commerce** 1986-2007/Mar 12

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[File 485] **Accounting & Tax DB** 1971-2007/Feb W4

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18/3,K/1 (Item 1 from file: 625) [Links](#)  
American Banker Publications  
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0186903

**\* Chase, Ameritech to Market Bill Payment Service**

American Banker - August 21, 1996 ; Pg. 12\ ; Vol. 161 , No. 160  
**Document Type:** Journal **Language:** English **Record Type:** Fulltext  
**Word Count:** 497

**Byline:**  
By STEVEN MARJANOVIC

**Text:**

...electronic payment system,  
could add 100 million transactions to the bank's industry-leading volume  
in  
automated clearing house origination, bank officials said.  
Chase initiated 228 million such transactions last year and...

...said the software can easily  
integrate into a corporation's "existing in-house billing and  
information  
systems."

The new **service** comes on the heels of efforts to promote clearing  
house payments led by the Federal...

...1998, experts said.  
As part of the effort to reduce checks, Chase is developing a  
**credit**  
card **payment** option, as well as an interface for users of its  
electronic  
payment system. The interface...

18/3,K/2 (Item 2 from file: 625) [Links](#)  
American Banker Publications  
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0087812

**Fractions Sets Tone for Annual Clearing House Conference**

American Banker - March 28, 1988 ; Pg. 32 ; Vol. 153 , No. 60  
**Word Count:** 1,757

**Byline:**  
By JEFFREY KUTLER

**Text:**

...expensive than many on-line alternatives, it has begun to handle some corporate transactions and **point-of-sale** debit card **payments** that might otherwise seek an on-line outlet.

Technology advances, resulting in lower system costs...electronic data interchange in areas where potential savings were greatest: manufacturing, purchasing, marketing, and customer **service**. The electronic **information systems** help them manage inventories and track shipments more efficiently than in a paper-based system.

"There is more money to be saved in cutting inventory than in **automating** the finance area," Mr. Ferguson said.

"Companies doing corporate EDI, and there are now a...

...a retired vice chairman of the Federal Reserve Board, who came to pick up a **Payment Systems Excellence Award**. His is one of 14 conferred by the National Automated Clearing House Association since 1986...

18/3,K/3 (Item 1 from file: 637) **Links**

Journal of Commerce

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**EXPORT OPPORTUNITIES**

JOURNAL OF COMMERCE ( JC ) - MONDAY May 2, 1988

**By:** US Department of Commerce

**Edition:** FIVE STAR **Section:** EXPORTS **Page:** 5B.

**Word Count:** 13,845

...in English or in French.

Contact: R. Simard, Department of Supply and Services, Office Automation, **Services and Information Systems**, Directorate-Procurement, Operations Branch, EV Section, Ottawa, Ontario, Canada K1A 0S5. Tel: 613-956-1154...in English or in French.

Contact: R. Simard, Department of Supply and Services, Office Automation, **Services and Information Systems**, Directorate-Procurement, Operations Branch, EV Section, Ottawa, Ontario, Canada K1A 0S5. Tel: 613-956-1154...  
...in English or in French.

Contact: R. Simard, Department of Supply and Services, Office Automation, **Services and Information Systems**, Directorate-Procurement, Operations Branch, EV Section, Ottawa, Ontario, Canada K1A 0S5. Tel: 613-956-1154...  
...in English or in French.

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...in English or in French.

Contact R. Simard, Department of Supply and Services, Office Automation, **Services and Information Systems**, Directorate-Procurement, Operations Branch, EV Section, Ottawa, Ontario, Canada K1A 0S5. Tel: 613-956-1154...in English or in French.

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...in English or in French.

Contact: R. Simard, Department of Supply and Services, Office Automation, **Services and Information Systems**, Directorate-Procurement, Operations Branch, EV Section, Ottawa, Ontario, Canada K1A 0S5. Tel: 613-956-1154...in English or in French.

Contact: G. Massih, Department of Supply and services, Office Automation, **Services and Information Systems**, Directorate-Procurement, Operations Branch, EV Section, Ottawa, Ontario, Canada K1A 0S5. Tel: 613-956-1154...of the circumstances set out in article 20 applies to the tenderer. Criteria for the **award** of contract are: best **value** for money having regard to price, period of delivery and reliability in meeting quality, technical... in English or in French.

Contact J. Hubert, Department of Supply and Services, Office Automation, **Services and Information Systems**, Directorate-Procurement, Operations Branch, EU Section, Ottawa, Ontario, Canada K1A 0S5. Tel: 613-956-1179...requests that the maximum cif price be US\$128,000 (US\$1 to 125 yen). **Payment**: an irrevocable letter of **credit**. Employing three, firm imports, wholesales and retails various sundries and handicrafts. As with this trade ...in English or in French.

Contact: R. Simard, Department of Supply and Services, Office Automation, **Services and Information Systems**, Directorate-Procurement, Operations Branch, EV Section, Ottawa, Ontario, Canada K1A 0S5. Tel: 613-956-1154...  
...shops; automotive top and body repair

This firm is 20 years old. It deals exclusively in **automotive** spare parts, paints and accessories. Firm is very interested in establishing contacts with U.S. firms specializing in **automotive** paint and body repair.

Write or telex: Omar A. Ba'oum, General Manager, Ba'oum...to be delivered in August-October 1988. Bank reference: Deutsche Bank Hamburg. Recommended method of **payment**: letter of **credit**.

Write to: Mrs. Kosakowski, Akos Import Export, Redderkoppel 21A, D-2000 Hamburg 65. Tel: (40...

18/3,K/4 (Item 2 from file: 637) **Links**

Journal of Commerce

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**EXPORT OPPORTUNITIES**

JOURNAL OF COMMERCE ( JC ) - FRIDAY November 20, 1987

By: Information Supplied by the U.S. Dept. of Commerce

Edition: FIVE STAR Section: EXPORTS Page: 6A

Word Count: 7,037

...bond equals \$75,000. Bond is to be increased to 10 percent of the total **value**, when the tender is **awarded**. The above boiler is for the National Paper Company at El Tabia, Rasheed Line, Alexandria...Request - catalogs and price lists. Press machine for making biametal strip for bush and bearing in **automobile** engines.

Telex to: Mr. Pairat Charatpotiratanakul, Ocean Autopart & Trading Co. Ltd., 397/2 Soi Ban... ..or in French. Information and specifications available from Department of Supply and Services, Office Automation, **Services** and **Information Systems** Directorate, EU Section, Ottawa, Canada K1A 0S5. Tel: 819-956-1190. Telex: 053-3703.

Obtain...in articles 22 (1) and 23 (1) of directive 77/62/EEC. Criteria for the **award** of contract are: best **value** for money having regard to price and technical evaluation. The reference FVE32B/1068 is to...

18/3,K/5 (Item 1 from file: 485) Links

Accounting & Tax DB

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**\*\* FULL-TEXT AVAILABLE IN FORMATS 7 AND 9 \*\***

00530986

**Automating small-business lending: The route to profitability**

Jennings, Clyde T

Commercial Lending Review v10 n3 pp: 83-91 Summer 1995

ISSN: 0886-8204 Journal Code: CLV

Word Count: 3327 Line Count: 302 Accounting & Tax DB\_1971-2007/Feb W4

Text:

...consumer lending, Barnett knows well how to bank the individual customer profitably, how to measure **service** quality, and what dynamics drive this part of the business. Moreover, automation, carried out over...

...margin that efficiencies were relatively unimportant; the business supported the high cost.

The main thrust in **automating** commercial credit was the purchase and customization of the Marshall & Isley (M&I) loan-accounting...

...could be characterized as high touch. These include credit supervision, marketing information, and sales tracking.

**Credit** supervision. Traditionally, commercial **credit** supervision was **accomplished** loan by loan and **customer** by customer, a level of scrutiny justifiable for large commercial credits where a single loss...Barnett business model for commercial loan

origination. Like most other banks, Barnett had never invested in **automatic** this low-volume area. Instead, the bank's application process was a model for low...

...more complex commercial credits were often documented and closed with an attorney.

Barnett had invested in **automating** commercial credit, but the approach had been piecemeal throughout the years. To be successful in...

...was needed. But, more important, the business process had to be examined to reveal gaps in **automation** and opportunities to streamline the process.

What Had to Happen: The Value Chain

To make...

...potential data quality problems?

- \* Is it retained as originated for historical reporting purposes?

- \* Apart from **information** flow, is **system** support adequate in every case?

- \* What necessary or desirable functionality is lacking?

- \* Can the systems...have current, accurate data. We realized we should take advantage of our newly installed Customer **Information System** (CIS). Our new CIS used IBM's relational database technology, DB2, as its architecture. This...



20/3,K/1 (Item 1 from file: 625) [Links](#)

American Banker Publications

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0244161

**Comment: What Counts in the Long Run Is Service, Not Price**

American Banker - December 7, 1999 ; Pg. 28 ; Vol. 164 , No. 233

**Document Type:** Journal **Language:** English **Record Type:** Fulltext

**Word Count:** 681

**Byline:**

By Andrew 'Skip' March, J.D. Power and Associates

**Text:**

...Our research has also revealed that the human touch is still very important, even among **users** of on-line **services**.

**Credit card** holders who access their account **information** on-line also

use telephone customer service more often than those who do not use...

20/3,K/2 (Item 2 from file: 625) [Links](#)

American Banker Publications

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0190934

**Smart Bits: Unisys Security System To Use Gemplus Card**

American Banker - November 20, 1996 ; Pg. 15 ; Vol. 161 , No. 223

**Document Type:** Journal **Language:** English **Record Type:** Fulltext

**Word Count:** 173

**Text:**

...Unisys card personalization through its worldwide facilities, a service that is key for access control **systems**. The

smart **card's** user **information** can be personalized to each **card** and, when

used in conjunction with the Single **Point** Security software, will allow the

**user** to be identified, authenticated, and granted authorized access.

20/3,K/3 (Item 3 from file: 625) [Links](#)

American Banker Publications

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0165931

**REPORTER'S NOTEBOOK: Fight Is on for Smart Card Share, Banks Told**

American Banker - January 25, 1996 ; Pg. 17 ; Vol. 162 , No. 16

**Word Count:** 884

**Byline:**

By VALERIE BLOCK

**Text:**

...on secure

Internet transactions.

First Virtual, with 1,000 merchants and close to 10,000 **users**, believes

**credit** card numbers can never be safe on an open **system**. With First

Virtual, the credit **card information** remains off the Net in a First Virtual

account. A series of electronic mail messages...

20/3,K/4 (Item 4 from file: 625) **Links**

American Banker Publications

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0154767

**\* 1st Bank System Offers Card for Corporate Fleets**

American Banker - February 3, 1995 ; Pg. 12 ; Vol. 160 , No. 23

**Word Count:** 655

**Byline:**

By LISA FICKENSCHER

**Text:**

...two cars.

International Automated's software requires cardholders to enter a personal identification number. The **system** captures

**information** about the

**vehicle** and **card user** at the **point** of sale,

which streamlines accounting

and other tracking mechanisms.

For example, the fleet operator might...

20/9/5 (Item 1 from file: 637) [Links](#)

Journal of Commerce

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## **NEW PRODUCTS**

JOURNAL OF COMMERCE ( JC ) - December 10, 1990

**By:** Wire and Staff Reports

**Edition:** Five Star **Section:** TRADE **Page:** 5A

**Word Count:** 174

### **Memo:**

NEW PRODUCTS

### **Text:**

MONILOG MONITORS

DRIVER STATUS

Monilog, a microcomputer from Britain, monitors a driver's duty status for up to six weeks.

Monilog, manufactured by Monitronix Services PLC, Somerset, England, automatically records the activities of a driver, checks them against current government or local regulations, and warns of any impending infraction.

For example, if it seems likely that a driver will exceed his permitted working hours, the unit gives him both a visual and an audible warning.

The system can monitor 12 different vehicle functions, together with speed and rpm. The driver can make entries up to 32 characters long, including location, name of co-**driver**, border-crossing **point** or shipping-document number.

A microprocessor mounted in the **vehicle** controls the Monilog **system**. **Vehicle information** such as speed calibration and company name are programmed into the microprocessor and can be read on demand.

An audible warning is given if an operator attempts to drive a vehicle without connecting Monilog to the data-collector interface.

A summary of a driver's activity can be printed out or displayed on the instrument.

**Descriptors:** IMPORT; NEW; TRADE; COMPUTER; UK

**Company Names (DIALOG Generated):** Monitronix Services PLC

Set	Items	Description
S1	83750	S (PROVIDER? ? OR SUPPL??? OR DEALER? OR VENDOR? ? OR SELLER? ? OR CONTRACT?R? ?)(5N)(DATA() (TECHNOLOGY OR SYSTEM? ? OR PROCESSING OR SERVICES) OR COMPUTER(3N)(BASE? OR GENERAT??? OR PROVID???))
S2	14305462	S INSURANCE? ? OR REFUEL??? OR GAS OR CONVENIENCE()STORE OR (CAR? ? OR AUTO? ? OR TRUCK? ? OR VEHICLE? ?)(2N)(REPAIR OR SERVICE OR LEASE OR RENT) OR TRAVEL??? OR SIGHT()SEEING OR TRAVEL()AGEN? OR MAP? ? OR TICKET? ? OR EVENT? ? OR TRAFFIC OR INFORMATION(2N)(PROVIDER OR SERVICE? ? OR PRODUCT? ?) OR AUTO(2N)SERVICE? ? OR CAR(4N)SERVICE? ?
S3	4577819	S AUTOMOBILE? OR AUTOMOTIVE OR AUTO OR AUTOS OR VEHICLE? OR CAR OR CARS OR TRUCK? ? OR PICKUP? ? OR VAN OR VANS
S4	11860907	S MULTITUD? OR MANY OR PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MULTI OR NUMEROUS OR (LARGE OR UNUSUAL)()(NUMBER OR QUANTIT??? OR AMOUNT? ?) OR MORE()THAN()ONE
S5	586336	S (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)(VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S6	910968	S (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR SUBSCRIBER? ? OR ENROLEE? ? OR PARTICIPANT? ? OR PARTICIPAT?R? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?)(5N)(GENERAT??? OR ACCOMPLISH? OR BRING()ABOUT OR CREATE? OR INITIAT?) OR SELF()SERVICE
S7	1546931	S S2(S)S4
S8	969	S S7(S)S1
S9	93	S S8(S)S3
S10	2	S S9(S)S5
S11	0	S S10 NOT PY>2000
S12	8688	S S1(S)S2
S13	542	S S12(S)S3
S14	4	S S13(S)S5
S15	1	S S14(S)S6
S16	4	S S14 OR S15
S17	1	S S16 NOT PY>2000
S18	79	S (INFORMATION(2N)SYSTEM? ?)(2N)SERVICE? ? AND IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)(VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S19	25	S (SERVICE OR INFORMATION(2N)SYSTEM) AND (IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N) ((PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?)(5N)(GENERAT??? OR ACCOMPLISH?))
S20	104	S S18 OR S19
S21	64	S S20 NOT PY>2000
S22	41	RD (unique items)
S23	126	S ((CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)(3N)(NAVIGATION? OR INFORMATION?)(3N)(SYSTEM? ? OR SERVICE? ?))(10N)((POINT? ? OR CREDIT? ?)(5N)(PATRON? ? OR USER? ? OR DRIVER? ? OR OPERATOR? ?))
S24	71	S S23 NOT PY>2000
S25	49	RD (unique items)

; show files

[File 9] **Business & Industry(R)** Jul/1994-2007/Mar 07

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[File 275] **Gale Group Computer DB(TM)** 1983-2007/Mar 07

(c) 2007 The Gale Group. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Feb 27

(c) 2007 The Gale Group. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Mar 07

(c) 2007 The Gale Group. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2007/Mar 07

(c) 2007 The Gale Group. All rights reserved.

[File 160] **Gale Group PROMT(R)** 1972-1989

(c) 1999 The Gale Group. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Feb 27

(c)2007 The Gale Group. All rights reserved.

17/3,K/1 (Item 1 from file: 9) [Links](#)

Business & Industry(R)

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01322446 Supplier Number: 23964216 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**GENRAD, OF WESTFORD, MASS., WINS FORD MOTOR CONTRACT**

**( GenRad wins contract to supply Ford Motor with automotive diagnostic systems for some 20,000 card dealers worldwide, which could generate \$200 mil to \$400 mil in total revenues over 4-5 years )**

Boston Globe , p N/A

July 15, 1997

**Document Type:** Regional Newspaper ISSN: 0743-1791 ( United States )

**Language:** English **Record Type:** Fulltext

**Word Count:** 461

**ABSTRACT:**

...roughly 20,000 Ford, Lincoln-Mercury, Mazda, Jaguar and Aston-Martin car dealers worldwide. The **dollar value** of the agreement and the price of each breadbox-sized automotive testing system was not... ...in total revenues over four to five years. GenRad's diagnostic system contains an Intel-based personal computer and is used by **car dealer service technicians** to analyze 15,000 test points in a **car**. The company expects the contract to boost its revenues about 15% a year over the...

22/6,PD,AU/1 (Item 1 from file: 9) [Links](#)  
Business & Industry(R)  
(c) 2007 The Gale Group. All rights reserved.  
02054363 Supplier Number: 25545190  
**Greater expectations**

January 2000  
**Word Count: 2616**

22/6,PD,AU/2 (Item 2 from file: 9) [Links](#)  
Business & Industry(R)  
(c) 2007 The Gale Group. All rights reserved.  
01896625 Supplier Number: 25367957  
**SURVEY FINDS NO CHANGE IN CUSTOMER SATISFACTION**

July 19, 1999  
**Word Count: 558**

22/6,PD,AU/3 (Item 1 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
02355394 **Supplier Number: 57893032 (Use Format 7 Or 9 For FULL TEXT )**  
**SOFTWARE.(Product Announcement)**

Nov , 1999  
**Word Count: 1163 Line Count: 00102**

22/6,PD,AU/4 (Item 2 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
02265513 **Supplier Number: 53680369 (Use Format 7 Or 9 For FULL TEXT )**  
**Financial: Raytheon Reports Record Revenue and Earnings.(1998 report)(Company Financial Information)**

Feb 1 , 1999  
**Word Count: 3508 Line Count: 00349**

22/6,PD,AU/5 (Item 3 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
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01210255 **Supplier Number: 05147457 (Use Format 7 Or 9 For FULL TEXT )**  
**Directory of leaders. (electronic, semiconductor and computer corporate profiles) (Looking at the Leaders 1987) (Section II) (company profile)**

Aug 24 , 1987

**Word Count: 64433    Line Count: 06382**

22/6,PD,AU/6 (Item 1 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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02155968    **Supplier Number: 55557507**

**General Motors Acceptance Corporation Places \$30 Million IT Contract for New Finance and Leasing Systems.**

August 25 , 1999

**Word Count: 634**

22/6,PD,AU/7 (Item 2 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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01847776    **Supplier Number: 54381637**

**Bay View First Quarter EPS Up 54% Over Prior Year.**

April 15 , 1999

**Word Count: 9350**

22/6,PD,AU/8 (Item 3 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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01518107    **Supplier Number: 47297902**

**Hughes Reports First Quarter Earnings**

April 14 , 1997

**Word Count: 2027**

22/6,PD,AU/9 (Item 4 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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01404561    **Supplier Number: 46548325**

**TRW Reports All-Time Quarterly Record; Sales, Earnings, Earnings Per Share Reach New Highs.**

July 16 , 1996

**Word Count: 951**

22/6,PD,AU/10 (Item 5 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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01309573 **Supplier Number:** 45859786

**TRW posts third-quarter, nine-month records; cites automotive, space and defense strength.**

Oct 16 , 1995

**Word Count:** 823

22/6,PD,AU/11 (Item 6 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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01260411 **Supplier Number:** 44758268

**BDM TECHNOLOGIES WINS CONTRACT FOR ALABAMA'S CHILD SUPPORT ENFORCEMENT SYSTEM**

June 13 , 1994

**Word Count:** 389

22/6,PD,AU/12 (Item 7 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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01199221 **Supplier Number:** 43208446

**SUN ELECTRIC CORPORATION ANNOUNCES SECOND QUARTER RESULTS**

August 4 , 1992

**Word Count:** 1110

22/6,PD,AU/13 (Item 1 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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04765837 **Supplier Number:** 64776585

**Million-Dollar Producers.**

Sept , 2000

**Word Count:** 3260

22/6,PD,AU/14 (Item 2 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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04569600 **Supplier Number:** 58531522

**AMERICAN COMPANIES IN JAPAN.**

Sept , 1999

**Word Count:** 17751

22/6,PD,AU/15 (Item 3 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
04568164 **Supplier Number:** 58371051

**Leading the way.**  
Dec 19 , 1997  
**Word Count:** 5163

22/6,PD,AU/16 (Item 4 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
04418570 **Supplier Number:** 55627022

**CAP GEMINI: GMAC places \$30 million IT contract for ne new finance and leasing systems.**  
August 31 , 1999  
**Word Count:** 655

22/6,PD,AU/17 (Item 5 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
04416303 **Supplier Number:** 55584460

**CAP GEMINI: General Motors Acceptance Corp places \$3 \$30m IT contract for new finance and leasing systems.**  
August 27 , 1999  
**Word Count:** 679

22/6,PD,AU/18 (Item 6 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
04080665 **Supplier Number:** 53654594

**RAYTHEON: Raytheon reports record revenue and earnings.**  
Jan 27 , 1999  
**Word Count:** 3061

22/6,PD,AU/19 (Item 7 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
03589330 **Supplier Number:** 47431514

**TRANSPORTATION: Lots of New Technology is Hitting the Highways**

June 1 , 1997

**Word Count: 588**

22/6,PD,AU/20 (Item 1 from file: 16) [Links](#)

Gale Group PROMT(R)

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06461364 **Supplier Number: 55235023**

**INDUSTRY NEWS; Industry News.**

June , 1999

**Word Count: 3810**

22/6,PD,AU/21 (Item 2 from file: 16) [Links](#)

Gale Group PROMT(R)

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04522563 **Supplier Number: 46644525**

**Chase, Ameritech to Market Bill Payment Service**

August 21 , 1996

**Word Count: 495**

22/6,PD,AU/22 (Item 3 from file: 16) [Links](#)

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03210362 **Supplier Number: 44402315**

**The All-in-One Vendor**

Feb , 1994

**Word Count: 1983**

22/6,PD,AU/23 (Item 4 from file: 16) [Links](#)

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03039229 **Supplier Number: 44131716**

**Universal's Post-Kahn Era**

Oct , 1993

**Word Count: 2226**

22/6,PD,AU/24 (Item 1 from file: 148) [Links](#)

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13025869 **Supplier Number: 66499175 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Auto Zone's Service Obsession.**

Colley, Jerry  
Summer , 2000

**Word Count: 3528   Line Count: 00276**

22/6,PD,AU/25 (Item 2 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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11894364   **Supplier Number: 60370876 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**From Shop Floor to Boardroom: The Historical Evolution of Australian Management Consulting, 1940s to 1980s.**

WRIGHT, CHRISTOPHER

Jan , 2000

**Word Count: 9550   Line Count: 00874**

22/6,PD,AU/26 (Item 3 from file: 148) [Links](#)

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11790892   **Supplier Number: 58670300 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Greater expectations.**

Gooley, Toby B.

Jan 31 , 2000

**Word Count: 2842   Line Count: 00235**

22/6,PD,AU/27 (Item 4 from file: 148) [Links](#)

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10457572   **Supplier Number: 21125121 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**MECA Software Deploys Quintus' Customer Management Solution in Customer Support Center; Quintus' CustomerQ Helps Service Agents Respond to User Inquiries With Speed and Accuracy.**

Sept 16 , 1998

**Word Count: 669   Line Count: 00063**

22/6,PD,AU/28 (Item 5 from file: 148) [Links](#)

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09756049   **Supplier Number: 19799827 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Integrated Systems, Inc. Announces MATRIXx and BetterState Support for Siemens' New TriCore 32-bit Architecture.**

Sep 29 , 1997

**Word Count: 980   Line Count: 00095**

22/6,PD,AU/29 (Item 6 from file: 148) [Links](#)

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08950550   **Supplier Number: 18584359 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Distributed generation: competitive threat or opportunity?**

Preston, George T.; Rastler, Daniel M.

August , 1996

**Word Count: 2425   Line Count: 00237**

22/6,PD,AU/30 (Item 7 from file: 148) [Links](#)

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08902697   **Supplier Number: 18604416**

**Chase, Ameritech to market bill payment service. (Chase Manhattan Corp.)**

Marjanovic, Steven

August 21 , 1996

**Word Count: 519   Line Count: 00045**

22/6,PD,AU/31 (Item 8 from file: 148) [Links](#)

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08646768   **Supplier Number: 18261471 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Wireless '96. (Cellular Telecommunications Industry Association's 11th Annual Convention and Exposition)(Wireless '96)**

March , 1996

**Word Count: 23558   Line Count: 02171**

22/6,PD,AU/32 (Item 9 from file: 148) [Links](#)

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07997167   **Supplier Number: 17285588 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**TRW sets all-time quarterly record for sales, earnings, and earnings per share.**

July 18 , 1995

**Word Count: 579   Line Count: 00072**

22/6,PD,AU/33 (Item 10 from file: 148) [Links](#)  
Gale Group Trade & Industry DB  
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07800945 **Supplier Number:** 16815576 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**TRW sets all-time records in sales, earnings, earnings per share.**

April 17 , 1995  
**Word Count:** 630 **Line Count:** 00060

22/6,PD,AU/34 (Item 11 from file: 148) [Links](#)  
Gale Group Trade & Industry DB  
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07657356 **Supplier Number:** 16226863 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**TRW achieves record results for fourth quarter, year; earnings increase 57 percent in quarter, 51 percent in 1994.**

Jan 24 , 1995  
**Word Count:** 1165 **Line Count:** 00130

22/6,PD,AU/35 (Item 12 from file: 148) [Links](#)  
Gale Group Trade & Industry DB  
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06219806 **Supplier Number:** 13277508 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**U.S. mergers and acquisitions. (The M&A Rosters: First Quarter 1992)**

July-August , 1992  
**Word Count:** 79730 **Line Count:** 07395

22/6,PD,AU/36 (Item 13 from file: 148) [Links](#)  
Gale Group Trade & Industry DB  
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05847326 **Supplier Number:** 12220321 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**SUN ELECTRIC ANNOUNCES FIRST QUARTER RESULTS**

May 7 , 1992  
**Word Count:** 734 **Line Count:** 00098

22/6,PD,AU/37 (Item 14 from file: 148) [Links](#)  
Gale Group Trade & Industry DB  
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05831064 **Supplier Number:** 12099639 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**World airline directory. (Directory)**

Hamill, Tom; Sarsfield, Kate

March 25 , 1992

**Word Count:** 102971 **Line Count:** 08694

22/6,PD,AU/38 (Item 15 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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05193017 **Supplier Number:** 10903814 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**World IT sales grow 8.9% to \$278.5B; North America hits \$184.7B. (the top 100 revenue earners in the information technology industry) (includes related profiles of the Datamation 100 companies ) (Cover Story)**

Kelly, Joseph

June 15 , 1991

**Word Count:** 46795 **Line Count:** 03697

22/6,PD,AU/39 (Item 16 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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05139071 **Supplier Number:** 10630200 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Breaking barriers to EDI. (electronic data interchange standards needed for import-export trade) (includes related article on what MIS needs for international EDI)**

Emmett, Arielle

April 1 , 1991

**Word Count:** 2459 **Line Count:** 00203

22/6,PD,AU/40 (Item 17 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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03900038 **Supplier Number:** 06967948 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Second Annual Directory of Human Resources Services, Products and Suppliers, January 1989. (directory)**

Jan , 1989

**Word Count:** 155534 **Line Count:** 14711

22/6,PD,AU/41 (Item 18 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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01885892 **Supplier Number:** 02828525 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Ward evolving into specialist mode.**

July , 1983

**Word Count:** 2728 **Line Count:** 00215

22/3,K/3 (Item 1 from file: 275) Links

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02355394 **Supplier Number: 57893032 (Use Format 7 Or 9 For FULL TEXT )**

**SOFTWARE.(Product Announcement)**

Computer Graphics World , 22 , 11 , 68

Nov , 1999

**Document Type:** Product Announcement

ISSN: 0271-4159

**Language:** English **Record Type:** Fulltext; Abstract

**Word Count:** 1163 **Line Count:** 00102

...significantly faster for surface-finishing operations and provides greater control over toolpath creation. Extended capabilities in **automated** flanging enable complex 3D associations to be developed between industrial design, or styled class 1...

...Automatic, incremental object re-tessellation, grid acceleration, and selective feature disabling improve rendering performance. The **service** pack is free. (Montreal, Quebec; 514-840-0299; www.softimage.com)  
infoNOW 85  
OCEAN DESIGNS...

...Defocus Del, which enables users to simulate the effects of depth of field on computer-generated images; Polygon Cruncher, which enables **users** to reduce the number of **points** and faces on 3D models; and 3D Browser, which enables users to create catalogs of...

22/3,K/20 (Item 1 from file: 16) Links

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06461364 **Supplier Number: 55235023 (USE FORMAT 7 FOR FULLTEXT)**

**INDUSTRY NEWS; Industry News.**

Wireless Technology International , p NA

June , 1999

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; General Trade

**Word Count:** 3810

...an MPT 1327 trunked radio system for use by the security services. Zetron dealer, LAD-**Service**, has won a tender in the Ukraine to install a Zetron RACS communications system for...



...In the United States, almost 2.5 million digital units are expected to be in **service** by 2000, according to "The State of SMR and Digital Radio," published by the American...recent migration of the entire Mexico City prepaid subscriber base to the Ericsson Prepaid Calling **Service**, Telcel brings its base of prepaid subscribers to more than 1.5 million. This move, the latest in the operator's efforts to implement prepaid **service** nationwide, makes Telcel the largest provider of prepaid wireless **service** in the Americas.

Ericsson's PrePaid Calling **Service**, supplied together with Corsair Communications, integrates into Telcel's nationwide TDMA wireless network. Telcel (Radiomobil...

...holds a 64% share of the growing Mexican wireless market. WTI

Rolling out wireless payphone **service** PAKISTAN--Telecard has announced plans to begin setting up a nationwide wireless payphone **service** after it gets a license from Pakistan Telecommunication Authority, the national regulatory agency. Shahid Firoz Iridium at the South Pole ANTARCTICA--Since it began commercial **service** last November, the Iridium satellite telephony system has proven its worth in unique applications. When...

...spreads in Middle East JORDAN--The NGC (National Group for Communications) launched its commercial ERMES **service** in Jordan in May. ERMES got its start in the Middle East in 1995, when Saudi Telecom Company launched the first commercial **service**. This was followed by the start of Etisalat's commercial **service** in the United Arab Emirates in March 1998 and MTC's ERMES launch in Kuwait last fall. The NGC **service** will be subscriber-based numeric or alphanumeric. The alphanumeric **service** will be able to accommodate 500 characters per message.

Basic features are to initially include...

...penetration anywhere in the world," Midgett said. "It is also now the first country to **award** third-generation licenses."

GSM operators provide services to more than 160 million customers around the globe, serving approximately 65% of...

...by wireless Metrosvyaz has launched a state-of-the-art wireless local loop (WLL) phone **service** in its first Russian market. Metrosvyaz, a wireless carrier and an operating company partially owned...

...first of at least eight regions in which the joint ventures are planning to ad **service** in 1999. The next operations are scheduled to launch in Tartarstan, Saratov and Krasnodar. The target market for this first launch includes businesses and Russian families that want basic phone **service**. WTI

GPS market to hit \$14 billion USA--Although global positioning services (GPS) have been...

...handhelds for outdoor enthusiasts. Japan has identified and exploited the use of this technology for in-vehicle navigation systems (WVNS). By 2005, IVNS is projected to account for one-third of the...

...about the wireless telecommunications market, visit some of these industry-related Web sites:

GSM chat **service**: [www.radiolinja.fi/askit/](http://www.radiolinja.fi/askit/)  
Motorola's technical information for the paging industry:  
[www.pagingsystems.com...](http://www.pagingsystems.com...)

**Company Names:**

...Development; Northsight Communications; Liaoning Post and Telecommunications; Ericsson GE Mobile Communications Inc.; Fylde Microsystems; LAD-**Service**; ERG Ltd.; Motorola Worldwide Smart Card Solutions Div.; Atlas Telecom

22/3,K/22 (Item 3 from file: 16) **Links**  
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03210362 **Supplier Number: 44402315 (USE FORMAT 7 FOR FULLTEXT)**

**The All-in-One Vendor**

Credit Card Management , p 63  
Feb, 1994

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Trade

**Word Count:** 1983

...has about 40% of the credit-report market, more than either of its rivals TRW **Information Systems** and **Services** and Trans Union Credit Information Co. Analysts won't confirm or debunk that claim, citing...credit-union processors: CUNA's Card Services Group, with 4.3 million cardholder accounts, and **Payment Services for Credit Unions**, which serves 360 credit unions representing about 1.5 million accounts. PSCU offers members...

...that Equifax is adding muscle. The question now may be how big it should become **in card** processing. Some analysts say Equifax needs more economies of scale to be truly competitive with...

25/6,AU,PD/1 (Item 1 from file: 9) [Links](#)  
Business & Industry(R)  
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01903674 Supplier Number: 25376634  
**Next-Gen Web Personalization Services Due**

July 29, 1999  
**Word Count: 415**

25/6,AU,PD/2 (Item 2 from file: 9) [Links](#)  
Business & Industry(R)  
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01652927 Supplier Number: 24367987  
**Dialog Launches Internet E-Commerce Strategy**

September 1998  
**Word Count: 1140**

25/6,AU,PD/3 (Item 3 from file: 9) [Links](#)  
Business & Industry(R)  
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01286503 Supplier Number: 23920541  
**Driver's Mart Links**

June 02, 1997  
**Word Count: 79**

25/6,AU,PD/4 (Item 4 from file: 9) [Links](#)  
Business & Industry(R)  
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01199540 Supplier Number: 23821740  
**Making Web safe for commerce**

March 03, 1997  
**Word Count: 1002**

25/6,AU,PD/5 (Item 5 from file: 9) [Links](#)  
Business & Industry(R)  
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00785600 Supplier Number: 23330595  
**"Muse" Photos On Web For "Instant Secure Transactions" 10/24/95**

October 24, 1995  
**Word Count: 903**

25/6,AU,PD/6 (Item 1 from file: 275) Links  
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02386132 **Supplier Number: 60834010 (Use Format 7 Or 9 For FULL TEXT )**  
**Hong Kong Web Surfers To Pay Online Through ISPs 03/26/00.**

March 27 , 2000  
**Word Count: 262 Line Count: 00025**

25/6,AU,PD/7 (Item 2 from file: 275) Links  
Gale Group Computer DB(TM)  
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02272026 **Supplier Number: 53947355 (Use Format 7 Or 9 For FULL TEXT )**  
**TECH REFRESH.**

Murray, Bill  
Feb 22 , 1999  
**Word Count: 401 Line Count: 00037**

25/6,AU,PD/8 (Item 3 from file: 275) Links  
Gale Group Computer DB(TM)  
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02206892 **Supplier Number: 21004261 (Use Format 7 Or 9 For FULL TEXT )**  
**E-Commerce: The Dialog Corporation Launches E-commerce Strategy.(the Planet Retail**  
**(<http://www.planetretail.com>) Internet-based comparative shopping service for consumers) (Company**  
**Business and Marketing)**

August 3 , 1998  
**Word Count: 1188 Line Count: 00101**

25/6,AU,PD/9 (Item 4 from file: 275) Links  
Gale Group Computer DB(TM)  
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01888803 **Supplier Number: 17991018 (Use Format 7 Or 9 For FULL TEXT )**  
**Data meets the dial tone. (telephone companies prepare to provide data services) (includes related articles on**  
**AT&T's WorldNet Managed Internet Service, and on computer-telephony integration)(Interoperability**  
**supplement to LAN Magazine) (Technology Information)**

Clark, Elizabeth  
Feb , 1996  
**Word Count: 4439 Line Count: 00373**

25/6,AU,PD/10 (Item 5 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
01855387 **Supplier Number: 17466694 (Use Format 7 Or 9 For FULL TEXT )**  
**"Muse" Photos On Web For "Instant Secure Transactions".**

Oct 24 , 1995  
**Word Count: 978 Line Count: 00079**

25/6,AU,PD/11 (Item 6 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
01707845 **Supplier Number: 16306224 (Use Format 7 Or 9 For FULL TEXT )**  
**Apple kick-starts the network; Mac networks will more tightly integrate with NetWare, X Windows.**  
**(AppleTalk: The Standard)**

Gengler, Barbara  
Sept , 1994  
**Word Count: 987 Line Count: 00083**

25/6,AU,PD/12 (Item 7 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
01671057 **Supplier Number: 15044059 (Use Format 7 Or 9 For FULL TEXT )**  
**Automatic database generation by novice end-users using English sentences. (user-friendly computer-aided software engineering tool, THE Analyst)**

Steinberg, Geoffrey; Faley, Robert; Chinn, Susan  
March , 1994  
**Word Count: 2898 Line Count: 00239**

25/6,AU,PD/13 (Item 8 from file: 275) [Links](#)  
Gale Group Computer DB(TM)  
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01210320 **Supplier Number: 05217070 (Use Format 7 Or 9 For FULL TEXT )**  
**TCA in San Diego convention coverage. (Tele-Communications Association)**

Chambers, Thomas  
Sept , 1987  
**Word Count: 1250 Line Count: 00106**

25/6,AU,PD/14 (Item 9 from file: 275) [Links](#)  
Gale Group Computer DB(TM)

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01162661 **Supplier Number: 04289454**  
**Managers take steps to secure their integrated office data.**

Kelleher, Joanne  
June 30 , 1986

25/6,AU,PD/15 (Item 1 from file: 621) [Links](#)  
Gale Group New Prod.Annou.(R)  
(c) 2007 The Gale Group. All rights reserved.  
01696112 **Supplier Number: 50257396**  
**Rathlin(R)'s 'Telegence - Asset Management Software now in BETA Release: 30 Day Trial Offered**

August 20 , 1998  
**Word Count: 384**

25/6,AU,PD/16 (Item 2 from file: 621) [Links](#)  
Gale Group New Prod.Annou.(R)  
(c) 2007 The Gale Group. All rights reserved.  
01685221 **Supplier Number: 50210867**  
**The Dialog Corporation Launches E-commerce Strategy.**

July 30 , 1998  
**Word Count: 1552**

25/6,AU,PD/17 (Item 3 from file: 621) [Links](#)  
Gale Group New Prod.Annou.(R)  
(c) 2007 The Gale Group. All rights reserved.  
01463889 **Supplier Number: 46962539**  
**CyberSource Expands Into New Markets and Enables Medical Information Service To Sell Via the Internet**

Dec 10 , 1996  
**Word Count: 993**

25/6,AU,PD/18 (Item 4 from file: 621) [Links](#)  
Gale Group New Prod.Annou.(R)  
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01453003 **Supplier Number: 46886634**  
**Gemplus teams with Unisys on security solutions for enterprise computing.**

Nov 13 , 1996  
**Word Count: 385**

25/6,AU,PD/19 (Item 5 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rights reserved.

01037781 **Supplier Number:** 40017867

**PEOPLENET SERVICE GUARANTEES DELIVERY OF INFORMATION ON PC'S OR TERMINALS**

April 3 , 1987

**Word Count:** 466

25/6,AU,PD/20 (Item 1 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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03933364 **Supplier Number:** 50208693

**E-Commerce: The Dialog Corporation Launches E-commerce Strategy**

August 3 , 1998

**Word Count:** 1086

25/6,AU,PD/21 (Item 2 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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03932851 **Supplier Number:** 50208180

**THE DIALOG CORPORATION: The Dialog Corporation launches e-commerce strategy**

July 30 , 1998

**Word Count:** 1430

25/6,AU,PD/22 (Item 3 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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03798781 **Supplier Number:** 48235888

**MULTIMEDIA-MINDED CLARION SEEKING NEW DISTRIBUTION**

Jan 19 , 1998

**Word Count:** 754

25/6,AU,PD/23 (Item 4 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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03655921 **Supplier Number:** 47877346

**Just Bits:BREAKING NEWS:Look for personalization technology**

August 1 , 1997

**Word Count: 63**

25/6,AU,PD/24 (Item 5 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
03555123 **Supplier Number: 47352576**

**On-line film and event ticket services' launch**  
May 1 , 1997  
**Word Count: 219**

25/6,AU,PD/25 (Item 6 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
03350950 **Supplier Number: 46889940**

**GEMPLUS: Gemplus teams with Unisys on security solutions for enterprise computing**  
Nov 14 , 1996  
**Word Count: 423**

25/6,AU,PD/26 (Item 7 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
02304686 **Supplier Number: 44471834**

**Untitled Article**  
Feb 28 , 1994  
**Word Count: 58**

25/6,AU,PD/27 (Item 8 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
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02303486 **Supplier Number: 44469258**

**AUTO PARTS**  
Feb 28 , 1994  
**Word Count: 575**

25/6,AU,PD/28 (Item 9 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rights reserved.  
01718030 **Supplier Number: 42791518**



## **NYNEX INTRODUCES ONLINE YELLOW PAGES LISTINGS**

March , 1992

**Word Count:** 386

25/6,AU,PD/29 (Item 10 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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01394538 **Supplier Number:** 41782773

## **LEAD STORY #1: SIEMENS PLANS TROY TEST OF ALI-SCOUT IVHS SYSTEM**

Jan 7 , 1991

**Word Count:** 1014

25/6,AU,PD/30 (Item 1 from file: 16) [Links](#)

Gale Group PROMT(R)

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07071004 **Supplier Number:** 59600596

## **KEEPING SECRETS.(protecting companies from corporate espionage)(Brief Article)**

Jesitus, John

Feb 21 , 2000

**Word Count:** 732

25/6,AU,PD/31 (Item 2 from file: 16) [Links](#)

Gale Group PROMT(R)

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06521540 **Supplier Number:** 55287145

## **CONSUMERS LET THEIR FINGERS DO THE WALKING; SECRET SHOPPER SURFS ONLINE FOR HOME SOLUTIONS PRODUCTS.**

July 12 , 1999

**Word Count:** 514

25/6,AU,PD/32 (Item 3 from file: 16) [Links](#)

Gale Group PROMT(R)

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06484786 **Supplier Number:** 55146101

## **Excite@Home Hopes To Gain Edge By Ramping Up E-Commerce Plans.**

July 13 , 1999

**Word Count:** 259

25/6,AU,PD/33 (Item 4 from file: 16) [Links](#)

Gale Group PROMT(R)  
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06038994 **Supplier Number:** 53505349

**Lycos Follows Major Ad Volley With Launch Of Internet Store.**  
Dec 29 , 1998  
**Word Count:** 692

25/6,AU,PD/34 (Item 5 from file: 16) [Links](#)  
Gale Group PROMT(R)  
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06011078 **Supplier Number:** 53413530

**Excite Inc. Develops Simplified One-Click E-Commerce System.**  
Nov 17 , 1998  
**Word Count:** 200

25/6,AU,PD/35 (Item 6 from file: 16) [Links](#)  
Gale Group PROMT(R)  
(c) 2007 The Gale Group. All rights reserved.  
04878720 **Supplier Number:** 47177133

**Making Web safe for commerce**  
Strazewski, Len  
March 3 , 1997  
**Word Count:** 1037

25/6,AU,PD/36 (Item 7 from file: 16) [Links](#)  
Gale Group PROMT(R)  
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04691983 **Supplier Number:** 46906161

**Smart Bits: Unisys Security System To Use Gemplus Card**  
Nov 20 , 1996  
**Word Count:** 172

25/6,AU,PD/37 (Item 8 from file: 16) [Links](#)  
Gale Group PROMT(R)  
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04362126 **Supplier Number:** 46397498

**Dialing for digital dollars: Firm brings bingo to 'net**  
May 20 , 1996

25/6,AU,PD/38 (Item 9 from file: 16) [Links](#)  
Gale Group PROMT(R)  
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03806367 **Supplier Number:** 45427002

**Rival transaction models emerging**  
March 27 , 1995

25/6,AU,PD/39 (Item 10 from file: 16) [Links](#)  
Gale Group PROMT(R)  
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01328910 **Supplier Number:** 41565189

**DIALING SYSTEM Electronic Information Systems Inc.**  
Sept 24 , 1990  
**Word Count:** 221

25/6,AU,PD/40 (Item 11 from file: 16) [Links](#)  
Gale Group PROMT(R)  
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01035885 **Supplier Number:** 41139229

**Neuer Gemeinschaftsverlag bei Kreditkarten**  
Jan 29 , 1990

25/6,AU,PD/41 (Item 1 from file: 148) [Links](#)  
Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rights reserved.  
11555994 **Supplier Number:** 58057802 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Comment: What Counts in the Long Run Is Service, Not Price.**

March, Andrew 'Skip'  
Dec 7 , 1999  
**Word Count:** 725 **Line Count:** 00060

25/6,AU,PD/42 (Item 2 from file: 148) [Links](#)  
Gale Group Trade & Industry DB  
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10442755 **Supplier Number:** 21098737 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Dialog Launches Internet E-Commerce Strategy.**

Hane, Paula J.

Sep , 1998

**Word Count: 1257   Line Count: 00103**

25/6,AU,PD/43 (Item 3 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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09106491   **Supplier Number: 18869332 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Unisys security system to use Gemplus card.(Brief Article)**

Block, Valerie

Nov 20 , 1996

**Word Count: 185   Line Count: 00019**

25/6,AU,PD/44 (Item 4 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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09070160   **Supplier Number: 18383268 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**High-tech learning centers: Broward County Library. (Broward County, Florida; Community Technology Center)**

Commings, Karen

June , 1996

**Word Count: 616   Line Count: 00052**

25/6,AU,PD/45 (Item 5 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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09060988   **Supplier Number: 18800764 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Techno-hero or public enemy? (RSA Data Security's CEO James Bidzos helps firm software emerge as most trusted encryption software) (includes related article on RSA's encryption software) (Product Information)**

Stipp, David

Nov 11 , 1996

**Word Count: 5070   Line Count: 00388**

25/6,AU,PD/46 (Item 6 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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08828012   **Supplier Number: 18483136 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**WebTV's integration of television and the Web is clever and priced right. (WebTV Networks' network computer)(Distributed Thinking)(Product Announcement)(Column)**

Alsop, Stewart

July 15 , 1996

**Word Count: 979   Line Count: 00073**

25/6,AU,PD/47 (Item 7 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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08418597   **Supplier Number: 17862753 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Fight is on for smart card share, banks told.**

Block, Valerie

Jan 25 , 1996

**Word Count: 916   Line Count: 00080**

25/6,AU,PD/48 (Item 8 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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07701834   **Supplier Number: 16402921 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**1st Bank System offers card for corporate fleets. (purchasing card for companies with fleet operations)**

Fickenscher, Lisa

Feb 3 , 1995

**Word Count: 692   Line Count: 00057**

25/6,AU,PD/49 (Item 9 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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05815921   **Supplier Number: 11865410 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Credit card phones target business travelers: rental cars, taxis and trains find demand for phones increasing.**

Marek, Sue

Feb , 1992

**Word Count: 1581   Line Count: 00119**

25/3,K/19 (Item 5 from file: 621) [Links](#)

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01037781 **Supplier Number: 40017867 (USE FORMAT 7 FOR FULLTEXT)**

**PEOPLENET SERVICE GUARANTEES DELIVERY OF INFORMATION ON PC'S OR TERMINALS**

PR Newswire , p N/A

April 3 , 1987

**Language: English Record Type: Fulltext**

**Document Type: Newswire ; Trade**

**Word Count: 466**

...to

more effective communications for people everywhere, regardless of the nature of their work."

He **points** out that PeopleNet's **user**

-friendly design includes delivery

of on-screen or hard copy **information**. The **system** also

**automatically**

transmits **information** to any number of selected individuals-

-regardless of whether the recipients are at their desks...

25/3,K/23 (Item 4 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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03655921 **Supplier Number: 47877346 (USE FORMAT 7 FOR FULLTEXT)**

**Just Bits: BREAKING NEWS: Look for personalization technology**

Information & Interactive Services Report , v 18 , n 30 , p N/A

August 1 , 1997

**Language: English Record Type: Fulltext**

**Document Type: Newsletter ; Trade**

**Word Count: 63**

**(USE FORMAT 7 FOR FULLTEXT)**

**Text:**

...retail outlets and hotels. Nick Grouf, Firefly chief executive officer, said the test will enable **users** to swipe their **credit** cards

and **automatically** connect to **information** and **services**

- and appropriate coupons - that fit their profile as identified by the Firefly Passport technology.

25/3,K/24 (Item 5 from file: 636) [Links](#)

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03555123 **Supplier Number: 47352576 (USE FORMAT 7 FOR FULLTEXT)**

**On-line film and event ticket services' launch**

Screen Digest , p N/A

May 1 , 1997

**Language:** English **Record Type:** Fulltext

**Document Type:** Newsletter ; Trade

**Word Count:** 219

...by credit card over the Internet, or via Ticketmaster Plus Online, a \$10/year membership **service** that allows **user** to store **credit card information** with an operator and receive a PIN number. Ticketmaster Online sold more than 54,000...

25/3,K/39 (Item 10 from file: 16) **Links**

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01328910 **Supplier Number: 41565189 (USE FORMAT 7 FOR FULLTEXT)**

**DIALING SYSTEM Electronic Information Systems Inc.**

CommunicationsWeek , p 54

Sept 24 , 1990

**Language:** English **Record Type:** Fulltext

**Document Type:** Newsletter ; Trade

**Word Count:** 221

**(USE FORMAT 7 FOR FULLTEXT)**

**Text:**

Electronic **Information Systems** Inc., Stamford, Conn., has unveiled an **automatic** outbound dialing system aimed at small- and medium-sized **users**, such as **credit** and collection agencies, telemarketing service bureaus and banks. The new product, the EIS CALL PROCESSING...

Set Items Description

S1 56943 S (PROVIDER? ? OR SUPPL??? OR DEALER? OR VENDOR? ? OR SELLER? ? OR CONTRACT?R?  
?)(5N)(DATA() (TECHNOLOGY OR SYSTEM? ? OR PROCESSING OR SERVICES) OR COMPUTER(3N)(BASE? OR  
GENERAT??? OR PROVID???))

S2 15897373 S INSURANCE? ? OR REFUEL??? OR GAS OR CONVENIENCE()STORE OR (CAR? ? OR AUTO? ?  
OR TRUCK? ? OR VEHICLE? ?)(2N)(REPAIR OR SERVICE OR LEASE OR RENT) OR TRAVEL??? OR  
SIGHT()SEEING OR TRAVEL()AGEN? OR MAP? ? OR TICKET? ? OR EVENT? ? OR TRAFFIC OR  
INFORMATION(2N)(PROVIDER OR SERVICE? ? OR PRODUCT? ?) OR AUTO(2N)SERVICE? ? OR  
CAR(4N)SERVICE? ?

S3 6345384 S AUTOMOBILE? OR AUTOMOTIVE OR AUTO OR AUTOS OR VEHICLE? OR CAR OR CARS OR  
TRUCK? ? OR PICKUP? ? OR VAN OR VANS

S4 16032207 S MULTITUD? OR MANY OR PLURAL OR PLURILITY OR MULTIPLE? OR SEVERAL OR MULTI OR  
NUMEROUS OR (LARGE OR UNUSUAL)()(NUMBER OR QUANTIT??? OR AMOUNT? ?) OR MORE()THAN()ONE

S5 744403 S (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)(VALUE? ? OR COUNT OR AMOUNT? ?  
OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)

S6 649078 S (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR SUBSCRIBER? ? OR ENROLEE? ?  
OR PARTICIPANT? ? OR PARTICIPAT?R? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?)(5N)(GENERAT???  
OR ACCOMPLISH? OR BRING()ABOUT OR CREATE? OR INITIAT?) OR SELF()SERVICE

S7 1847131 S S2(S)S4

S8 974 S S7(S)S1

S9 116 S S8(S)S3

S10 6 S S9(S)S5

S11 0 S S10 NOT PY>2000

S12 6719 S S1(S)S2

S13 709 S S12(S)S3

S14 11 S S13(S)S5

S15 1 S S14(S)S6

S16 11 S S14 OR S15

S17 2 S S16 NOT PY>2000

S18 47 S (INFORMATION(2N)SYSTEM? ?)(2N)SERVICE? ? AND IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR  
TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)(VALUE? ? OR COUNT OR AMOUNT?  
? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)

S19 20 S (SERVICE OR INFORMATION(2N)SYSTEM) AND (IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR  
TRUCK? ?)) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N) ((PATRON? ? OR CUSTOMER? ? OR  
CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?)(5N)(GENERAT??? OR ACCOMPLISH?))

S20 67 S S18 OR S19

S21 43 S S20 NOT PY>2000

S22 39 RD (unique items)

; show files

[File 20] **Dialog Global Reporter** 1997-2007/Mar 08

(c) 2007 Dialog. All rights reserved.

[File 15] **ABI/Inform(R)** 1971-2007/Mar 07

(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 610] **Business Wire** 1999-2007/Mar 08

(c) 2007 Business Wire. All rights reserved.

*\*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 810] **Business Wire** 1986-1999/Feb 28

(c) 1999 Business Wire . All rights reserved.

[File 476] **Financial Times Fulltext** 1982-2007/Mar 08



(c) 2007 Financial Times Ltd. All rights reserved.

[File 613] **PR Newswire** 1999-2007/Mar 08

(c) 2007 PR Newswire Association Inc. All rights reserved.

*\*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 813] **PR Newswire** 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 634] **San Jose Mercury** Jun 1985-2007/Mar 04

(c) 2007 San Jose Mercury News. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2007/Mar 07

(c) 2007 McGraw-Hill Co. Inc. All rights reserved.

*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP.NEWS624 for more*

17/3,K/1 (Item 1 from file: 20) Links  
Dialog Global Reporter  
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13051178 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Updated Story**

PR NEWSWIRE  
September 28, 2000  
**Journal Code: WPRW Language: English Record Type: FULLTEXT**  
**Word Count: 1459**  
**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...or technical malfunction of any telephone network or lines, computer on-line- systems, servers or **providers**, **computer** equipment, software, failure of email or players on account of technical problems or **traffic** congestion on ecityoftravel's site, on the Internet or at any Website or combination thereof...

17/3,K/2 (Item 2 from file: 20) Links  
Dialog Global Reporter  
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13050595 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**'Discover Orlando' With Delta Express; Contest Offers Swim With Dolphins Experience at Orlando's Newest Attraction**

PR NEWSWIRE  
September 28, 2000  
**Journal Code: WPRW Language: English Record Type: FULLTEXT**  
**Word Count: 1469**  
**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...or technical malfunction of any telephone network or lines, computer on-line- systems, servers or **providers**, **computer** equipment, software, failure of email or players on account of technical problems or **traffic** congestion on ecityoftravel's site, on the Internet or at any Website or combination thereof...

22/3,K/1 (Item 1 from file: 20) Links

Dialog Global Reporter

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11206587 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Mitsubishi Corp. - Final Results - Part 1

REGULATORY NEWS SERVICE

May 25, 2000

Journal Code: WRNS Language: English Record Type: FULLTEXT

Word Count: 4824

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...we are focusing on four strategic areas - energy and resource development, foods and food products, **information systems** and **services**, and project development. We shall bolster our competitive advantage in these areas and build them...1 billion, or 4.2% year-on-year, to Y13,109.1 billion. Exports of **information systems & services**, machinery, and chemicals were lower. Aggregate export transactions declined by Y210.6 billion (8.9...

...declined by Y552.6 billion (20.0%) year-on-year due mainly to declines in **information systems & services**, metals and living essentials. At home, although living essentials saw higher sales, domestic trading transactions...

...billion, down Y19.7 billion from the preceding term.

Review of operations by product segment

**Information Systems and Services** Divisional sales

fell by Y110.4 billion (15.5%) from the preceding term, largely due...by Y14.6 billion (0.1%) from the preceding term to Y10,485.2 billion.

**Information systems & services** sales fell by

Y150.7 billion (24.1%), mainly due to lower aircraft-related exports...

...yen (7.9%). Machinery sales, affected by lower plant demand in Japan and a decline in **automobile**-related exports, fell by Y196.5 billion (7.6%) from the preceding fiscal year. Sales...

...essentials fell by Y114.7 billion (4.3%) against the preceding term. Among export transactions, **information systems & services**, metals and machinery were lower by Y195.9 billion (8.6%). Imports of metals and...

...the value of overseas transactions rose by Y14.6 billion (1.1%). Domestic transactions with **information systems & services**, metals, and machinery down, declined by Y160.6 billion (3.8%).

Gross trading profit declined...Net income 5,566 25,271 -19,705 -78.0

54

1. The U.S. **dollar amounts** represent translations, for convenience, of yen amounts at the rate of JPY 103= \$1. 2...commodities Millions of Yen Millions of U.S. dollars 2000 1999 Increase or 2000

(-)decrease **Information Systems % % % & Services**  
599,574 4.6 709,957 5.2 -110,383 -15.5 5,821 Fuels...

22/3,K/2 (Item 2 from file: 20) [Links](#)  
Dialog Global Reporter  
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09579387 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Synergon Info Sys Ld - 4th Quarter & Final Results**

REGULATORY NEWS SERVICE  
February 15, 2000  
**Journal Code: WRNS Language: English Record Type: FULLTEXT**  
**Word Count: 4933**  
**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...statements prepared according to International Accounting Standards. For the convenience of the reader Hungarian forint **amounts** have been converted to US **dollars**: the average exchange rate used to convert figures in the Profit and Loss Statement was...of HUF 144 m (compared to HUF 101 m in 1998). The largest increases came **in automobile** maintenance (338% increase to HUF 184 m), training costs (165% increase to HUF 132 m...

...of HUF 267 m from as yet unspent funds from the capital increase less interest **payments** made on current account **credits**, deriving mainly from the first half of the year.

Profit before tax

Profit before tax...demand in the areas of computer infrastructure, network construction and telecommunications, pushed the share of **Information Systems and Services** sales to 80% in 1999 from 76% the previous year. The disappointing contribution of the...

...39% Consolidation -506 -2,134 -4% -384 -1,791 -4% 32% 19%

\* Includes other income

**Information Systems and Services** Division

Sales of the ISS division, which provides infrastructure products, office software and services, grew...and integrations, to dynamically increase its market share, and to continue to execute prestigious, high **service** content, Hungarian **information systems** projects. Synergon will continue as provider of choice for larger companies and will also pay...

22/3,K/3 (Item 3 from file: 20) [Links](#)  
Dialog Global Reporter  
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07904831 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Berkeley Enterprise Partners, eCredit.Com Team to Help Companies Build End-to-End, e-Commerce Solutions**

PR NEWSWIRE

October 25, 1999

Journal Code: WPRW Language: English Record Type: FULLTEXT

Word Count: 706

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...the first vendors to join Berkeley's Business Architects Partner Program, designed to assist enterprises in **automating** and optimizing front office initiatives by identifying, evaluating and integrating the most innovative products available...

...Gauthier, Berkeley's co-founder and executive vice president. "eCredit.com's innovative approach to **credit** and financing provides tremendous **value** to companies by delivering a powerful solution for today's Web-based world."

About eCredit...

**SIC Codes/Descriptions:**

7373 (Computer Integrated **Systems** Design); 7375 (**Information** Retrieval **Services**); 5961 (Catalog & Mail Order Houses)

22/3,K/4 (Item 4 from file: 20) [Links](#)

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06973933 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**CAP GEMINI: GMAC places \$30 million IT contract for new finance and leasing systems**

M2 PRESSWIRE

August 31, 1999

Journal Code: WMPR Language: English Record Type: FULLTEXT

Word Count: 621

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...Communications - General Motors Acceptance Corporation (GMAC), the finance and leasing arm of General Motors, has **awarded** a contract worth US \$30 million for the development of a new retail contract management and administration system...

...process, and in preference to competing bids from other global IT services companies, by the **Information Systems and Services** (IS&S) division of GMAC International Operations, headquartered in High Wycombe, UK. The systems will...

...General Motors, is one of the world's largest financial services companies, with business lines in **automotive** finance, commercial and residential mortgages, and insurance. GMAC operates in 35 countries and, since inception...

22/3,K/5 (Item 5 from file: 20) [Links](#)

Dialog Global Reporter

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06931777 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**CAP GEMINI: General Motors Acceptance Corp places \$30m IT contract for new finance and leasing systems**

M2 PRESSWIRE

August 27, 1999

**Journal Code:** WMPR **Language:** English **Record Type:** FULLTEXT

**Word Count:** 604

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...Communications - General Motors Acceptance Corporation (GMAC), the finance and leasing arm of General Motors, has **awarded** a contract worth US \$30 million for the development of a new retail contract management and administration system...

...process, and in preference to competing bids from other global IT services companies, by the **Information Systems and Services** (IS&S) division of GMAC International Operations, headquartered in High Wycombe, UK. The systems will...

...General Motors, is one of the world's largest financial services companies, with business lines in **automotive** finance, commercial and residential mortgages, and insurance. GMAC operates in 35 countries and, since inception...

22/3,K/6 (Item 6 from file: 20) [Links](#)

Dialog Global Reporter

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06895262 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**General Motors Acceptance Corporation Places \$30 Million IT Contract for New Finance and Leasing Systems**

BUSINESS WIRE

August 25, 1999

**Journal Code:** WBWE **Language:** English **Record Type:** FULLTEXT

Word Count: 701

(USE FORMAT 7 OR 9 FOR FULLTEXT)

General Motors Acceptance Corporation (GMAC), the finance and leasing arm of General Motors, has **awarded** a contract **worth** \$30 million for the development of a new retail contract management and administration system to...

...process, and in preference to competing bids from other global IT services companies, by the **Information Systems and Services** (IS&S) division of GMAC International Operations, headquartered in High Wycombe, United Kingdom. The systems...

...General Motors, is one of the world's largest financial services companies, with business lines in **automotive** finance, commercial and residential mortgages, and insurance. GMAC operates in 35 countries and, since inception...

22/3,K/7 (Item 7 from file: 20) Links

Dialog Global Reporter

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04153779 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**RAYTHEON: Raytheon reports record revenue and earnings**

M2 PRESSWIRE

January 27, 1999

**Journal Code:** WMPR **Language:** English **Record Type:** FULLTEXT

**Word Count:** 3006

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...two additional batteries expected in 1999, will be worth approximately \$1.1 billion.

\* RSC was **awarded** an Army contract **valued** at a potential \$345 million for the Atmospheric Interceptor Technology Test Bed program. The award...

...its debut as an option on Cadillac's 2000 DeVille, was named Grand Award winner in **automotive** technology by Popular Science magazine in its annual "Best of What's New" awards. Night...

...traffic management, as well as tactical information.

\* The Federal Aviation Administration (FAA) competitively selected and **awarded** Raytheon a contract **valued** at up to \$180 million to manufacture and install up to 152 new monopulse secondary...and Space Administration's Ames Research Center in Mountain View, Calif. Raytheon provides support in **information systems** technology and **services**, airspace management research and development, aerodynamics research and wind tunnel operations, and research in human...

22/3,K/8 (Item 8 from file: 20) [Links](#)

Dialog Global Reporter

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04130781 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Raytheon Reports Record Revenue and Earnings -3-**

BUSINESS WIRE

January 26, 1999

**Journal Code:** WBWE **Language:** English **Record Type:** FULLTEXT

**Word Count:** 1508

(USE FORMAT 7 OR 9 FOR FULLTEXT)

-- RSC was **awarded** an Army contract **valued** at a potential \$345 million for the Atmospheric Interceptor Technology Test Bed program. The award...

...its debut as an option on Cadillac's 2000 DeVille, was named Grand Award winner in **automotive** technology by Popular Science magazine in its annual "Best of What's New" awards. Night...

...traffic management, as well as tactical information.

-- The Federal Aviation Administration (FAA) competitively selected and **awarded** Raytheon a contract **valued** at up to \$180 million to manufacture and install up to 152 new monopulse secondary...

...and Space Administration's Ames Research Center in Mountain View, Calif. Raytheon provides support in **information systems** technology and **services**, airspace management research and development, aerodynamics research and wind tunnel operations, and research in human...

22/3,K/9 (Item 9 from file: 20) [Links](#)

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02828636

**MECA Software Deploys Quintus' Customer Management Solution in Customer Support Center; Quintus' CustomerQ Helps Service Agents Respond to User Inquiries With Speed and Accuracy**

BUSINESS WIRE

September 16, 1998

**Journal Code:** WBWE **Language:** English **Record Type:** FULLTEXT

**Word Count:** 613

**MECA Software Deploys Quintus' Customer Management Solution in Customer Support Center; Quintus' CustomerQ Helps Service Agents Respond to User Inquiries With Speed and Accuracy**



...customized online banking applications, has successfully deployed and integrated Quintus' CustomerQ(tm), a powerful customer **information** management software **system** that instantly captures, stores and retrieves critical information through an easy-to-use interface. MECA...

...center is so efficient that MECA clients such as NationsBank, BancAmerica and Citibank prefer to **service** their customers through MECA instead of using their own call centers. "In order to provide superior **service** to our customers, MECA needed an out-of-the-box solution that could change dynamically...

...to do to better satisfy our customers, so that they can offer first-rate, efficient **service** to their customers." Additionally, MECA agents use **CustomerQ** to **generate** reports with **point-and-click** simplicity. This reporting function helps MECA agents identify recurring problems and send the...

...and distinguish themselves from the competition, companies must be able to offer quick and thorough **service**. MECA has set a standard for providing superior **service**, and Quintus is pleased to provide the company with the technology it needs to continue...

...England Financial, is the leader in the design, development and execution of customized software and **service** solutions for the electronic delivery of financial services products and services. MECA offers branded software...

...providers to offer their customers electronic access to a broad array of financial product and **service** offerings. About Quintus Quintus Corporation helps companies turn every contact into a loyal customer. Only ...

...1997, the company acquired Nabnasset Corporation, based in Acton, Mass., and Call Center Enterprises, headquartered in **Cary**, N.C. For more information about Quintus, call 800/337-8941, email sales@quintus.com ...

22/3,K/10 (Item 1 from file: 15) **Links**

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01971725 48067244

**Greater expectations**

Gooley, Toby B

Logistics Management & Distribution Report v39n1 pp: 41-46

Jan 2000

ISSN: 1098-7355 Journal Code: LMDR

Word Count: 2650

Text:

...domestic U.S. service. To do so, they must provide the same kind of customer **service**, **information systems**, freight handling, and equipment that they offer in the United States.

That takes some creativity...Mexican partners to minimize risk. For these carriers, 24-hour security, careful screening of employees, **in-vehicle** satellite tracking, and close cooperation with national and local government agencies are the norm. Some...distribution centers and 335 facilities in Mexico; bilingual operations and sales staff; hazardous-materials service; **payment** in U.S. **dollars** or Mexican pesos; six U.S. gateways in Texas, Arizona, and California: satellite tracking of...

22/3,K/11 (Item 2 from file: 15) Links

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01607145

02-58134

### **Interoperability for digital libraries worldwide**

Paepcke, Andreas; Chang, Chen-Chuan K; Garcia-Molina, Hector; Winograd, Terry

Communications of the ACM v41n4 pp: 33-43

Apr 1998

ISSN: 0001-0782 Journal Code: ACM

Word Count: 6922

#### **Abstract:**

...to describe cooperating systems in which individual components are designed or operated autonomously. How heterogeneous **systems** of **information** resources and **services** can be made to interoperate is discussed. An informal set of criteria is offered by...

#### **Text:**

...achieve interoperability among the world's scattered digital libraries? Nobody knows exactly, though it's **worth** keeping several **points** in mind when creating the links.

Interoperability is a central concern when building digital libraries...

...carefully designed to work with each other. Our focus here is on heterogeneous, or federated, **systems** of **information** resources and **services** and how they can be made to interoperate.

Interoperability has been a critical problem in...to further interoperability in the tradition of specification-based approaches.

Specification-based solutions rate high in **autonomy**, because of the strict separation of their functionality/data description from their implementation. The general...

22/3,K/12 (Item 3 from file: 15) Links

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01529961 01-80949

**Transparent brakes**

Birkland, Carol

Fleet Equipment v23n10 pp: 34-38

Oct 1997

ISSN: 0747-2544 Journal Code: FEQ

Word Count: 2359

**Text:**

...for maintenance, Caron says it is minimal. "When fleet maintenance technicians do routine wheel end **service**, they should pull the ABS sensors out of their holders, clean them off and clean...that is easy to diagnose and fix. To help our customers, we have maintenance and **service** materials including a 15minute videotape on diagnostics."

ABS diagnostic procedures tend to be different among...

...the tractor/trailer unit with the addition of a new system."

ABS training

Peterbilt's **Service** Marketing manager, Lee Yarbrough, says, "We began ABS maintenance training for our dealers over a...

...electronic engines and other electronic controls on tractors these days, it has become crucial for **service** technicians to understand what the blink codes are telling them. Some codes may be identifying simple electrical problems. Others may be indicating an area that needs **service**."

Both Childs and Yarbrough agree that staying up-to-date on ABS maintenance can be enhanced by reviewing the **service** manual and by continuing a good relationship with suppliers and dealers.

Volvo Trucks North America...

...user on how the brakes work and try to dispel myths that have sprung up in **truck** stop gossip. One of the major issues is to **point** out to **users** that this **generation** of ABS is nothing like the first generation. Today's ABS systems are modulating brakes...

22/3,K/13 (Item 4 from file: 15) [Links](#)

ABI/Inform(R)

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01267686 99-17082

**Distributed generation: Competitive threat or opportunity?**

Preston, George T; Rastler, Daniel M

Public Utilities Fortnightly v134n15 pp: 13-17

Aug 1996

ISSN: 1078-5892 Journal Code: PUF

Word Count: 2226

Text:

...auxiliary power systems (onboard electric generation) with some of the design and manufacturing techniques used in **automotive** turbochargers (e.g., air-supported bearings). In three to five years they could provide reliable...

...1995 Gas Research Institute study estimated that 24 gigawatts (Gw) of industrial cogeneration will enter **service** by 2010. Much of this new capacity will come from combustion turbine and combined-cycle...access at the retail level would make major players of "mini-Gencos" and ESCos (energy **service** companies). Distributed **generation** would be implemented heavily at **customer** sites and substations, **awarding** a 25-percent market share to new electric capacity by 2010.

\* Slow Transition. A slow...

...in the next decade, distributed generation technologies based on fossil fuels and suitable for peaking **service** dispatchable by customers or owners (such as internal combustion and engine generators, combustion turbines, and...microturbines, Stirling engines, and lateremerging technologies like flywheels will create new markets and new energy **service** business opportunities. As a business strategy, distributed generation offers an asset-management alternative to adding...

22/3,K/14 (Item 5 from file: 15) [Links](#)

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01124837 97-74231

**Obtaining industry control: The case of the pharmaceutical distribution industry**

Oswald, Sharon L; Boulton, William R

California Management Review v38n1 pp: 138-162

Fall 1995

ISSN: 0008-1256 Journal Code: CMR

Word Count: 9035

Text:

...the industry, wholesalers have provided retailers with lower prices due to more efficient distribution, better **service** through **information systems** and industry databases, and stronger customer relationships through wholesaler-sponsored drugstore programs. Despite health care...from computer to computer. The systems electronically process over 50 percent of purchase orders, invoices, **payments**, and bid **awards**, eliminating the need for paper handling.

In summary, Bergen is banking its future on serving...and rapid service is an important factor in wholesaler selection. Bergen presently leads the industry in **automated** distribution technology; however, others, such as McKesson, are strong contenders. As the pressures on health ...

22/3,K/15 (Item 6 from file: 15) [Links](#)

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01068963 97-18357

**Automating small-business lending: The route to profitability**

Jennings, Clyde T

Commercial Lending Review v10n3 pp: 83-91

Summer 1995

ISSN: 0886-8204 Journal Code: CLV

Word Count: 3327

Text:

...consumer lending, Barnett knows well how to bank the individual customer profitably, how to measure **service** quality, and what dynamics drive this part of the business. Moreover, automation, carried out over...

...margin that efficiencies were relatively unimportant; the business supported the high cost.

The main thrust in **automating** commercial credit was the purchase and customization of the Marshall & Isley (M&I) loan-accounting...

...could be characterized as high touch. These include credit supervision, marketing information, and sales tracking.

**Credit** supervision. Traditionally, commercial **credit** supervision was **accomplished** loan by loan and **customer** by customer, a level of scrutiny justifiable for large commercial credits where a single loss...Barnett business model for commercial loan

origination. Like most other banks, Barnett had never invested in **automatic** this low-volume area. Instead, the bank's application process was a model for low...

...more complex commercial credits were often documented and closed with an attorney.

Barnett had invested in **automating** commercial credit, but the approach had been piecemeal throughout the years. To be successful in...

...was needed. But, more important, the business process had to be examined to reveal gaps in **automation** and opportunities to streamline the process.

What Had to Happen: The Value Chain

To make...

...potential data quality problems?

\* Is it retained as originated for historical reporting purposes?

\* Apart from **information** flow, is **system** support adequate in every case?

\* What necessary or desirable functionality is lacking?

\* Can the systems...have current, accurate data. We realized we should take advantage of our newly installed Customer **Information System** (CIS). Our new CIS used IBM's relational database technology, DB2, as its architecture. This...

22/3,K/16 (Item 7 from file: 15) Links

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00968299 96-17692

**Addressing the malpractice problem: The Robert Wood Johnson Foundation's programs**

Cantor, Joel C; Wadlington, Walter J

Health Affairs v13n5 pp: 229-240

Winter 1994

ISSN: 0278-2715 Journal Code: HAF

Word Count: 11789

Text:

...to develop new or improved strategies for reducing medical injury and adequately compensating medically injured **persons**. This essay summarizes the **accomplishments** of the Medical Malpractice Program, **points** out some remaining gaps in the research literature, and describes a new RWJF initiative in...of patients with this heart condition in five community hospitals in Michigan. Patterns of variation in

**care** by patients' education, sex, race, payer type, and social class will be examined. The hospitals...

...entitlements," according to Jessie B. Cox Charitable Trust materials. MSAC members include elders, advocates, and **service** providers. The project also receives funding from the Greater Worcester Community Foundation and the Catholic...

...Alzheimer's continuum-of-care model. The program is now adding a postdischarge home visit **service**, which will be handled by the same clinical nurse specialist who coordinated the patient's...  
...settings, and the amount of community health-care resources in their locality influence use of **service** and rate of transition between care settings. States "attempting long-term care reform initiatives" could...notes that it does not plan to focus its grant making on ethical problems arising in **care** of the elderly, the foundation expects that this project's results will be helpful to...

...needs and to measure the performance of health plans," public health agencies, and Public Health **Service** programs in improving access and in "protecting and improving health status," says The Robert Wood...the Carolinas, studied primary care and community health services provided by the British National Health **Service**. The program, held in September 1994, included lectures at King's Fund College in London...a program of The Pew Charitable Trusts, in cooperation with the U.S. Public Health **Service**, the Pew Health Professions Commission, and the Primary Care Organizations Network. Barbara Starfield of The...

...projects awarded funding under The Robert Wood Johnson Foundation \$16.7 million AIDS Prevention and **Service** Program. RWJF notes that it is "funding projects focused on specific chronic disease categories" much... NW, Washington, DC 20005.

The Pew Health Professions Commission has started an electronic bulletin board **service** for commission members and grantees and "anyone interested in health care workforce reform issues," says its State Health Workforce Reforms newsletter. The free **service**, based in San Francisco, can be accessed via a computer modem. For details, contact Paul ...Center for Governmental Studies, Suite 206, 10951 West Pico Boulevard, Los Angeles, CA 90064.

Full-**Service** Schools: A Revolution in Health and Social Services for Children, Youth, and Families was published...

...the book includes descriptions of the funding situation and organizational and delivery issues for full-**service** schools, a concept that Dryfoos says is catching on across America. The book has a...

22/3,K/17 (Item 8 from file: 15) [Links](#)

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00828717

94-78109

## The all-in-one vendor

Daly, James J

Credit Card Management v6n11 pp: 63-67

Feb 1994

ISSN: 0896-9329 Journal Code: CCM

Word Count: 1931

Text:

...has about 40% of the credit-report market, more than either of its rivals TRW **Information Systems and Services** and Trans Union Credit Information Co. Analysts won't confirm or debunk that claim, citing...credit-union processors: CUNA's Card Services Group, with 4.3 million cardholder accounts, and **Payment Services for Credit Unions**, which serves 360 credit unions representing about 1.5 million accounts. PSCU offers members...

...that Equifax is adding muscle. The question now may be how big it should become in card processing. Some analysts say Equifax needs more economies of scale to be truly competitive with...

22/3,K/18 (Item 9 from file: 15) Links

ABI/Inform(R)

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00786832 94-36224

Universal's post-Kahn era

Stewart, John

Credit Card Management v6n7 pp: 53-61

Oct 1993

ISSN: 0896-9329 Journal Code: CCM

Word Count: 2126

Text:

...had been a private bankers' club of Visa and MasterCard issuers, trumping the banks on **service** and price, and throwing in a 10% discount on calls.

It also foreshadowed a new...

...accounts continue to come to the long-distance kingpin at the expense of banks.

Customer **service**, for which Universal is renowned and which helped it win a Baldrige award, still **generates** tons of **customer** loyalty. "It's nice to be in an environment where you get 2,000 unsolicited..."



...do with the procedures--and the mentality behind them--that allowed Universal to deliver sterling **service** to its customers. Universal has placed no less emphasis on **service** than on price or any other factor differentiating it from other cards--and no wonder...working very hard at what it was launched to do: sell AT&T calling card **service**. Instead, they say, Universal is attracting customers who are indifferent to the calling card function...

...Universal bill is the phone giant's only routine, direct contact with users. Long-distance **service** is billed through the regional Bells.

Universal, he says, will be better incorporated into AT...

...t concentrating on making money. That "strategic investment"--which bought state-of-the-art customer-**service** and account-underwriting systems in Jacksonville--has to be repaid.

MORE OOMPH

Profit improvement will...

...AT&T phones and other equipment, depending on card usage, or to residential long-distance **service**. Universal won't say what its marketing plans are, but First Union's Winkler recalls...be forgotten. Clearly, Universal's corporate bosses are more interested in long-distance wars than in **card** wars.

And the card has been plainly successful in competing for accounts with balance-transfer...

22/3,K/19 (Item 10 from file: 15) [Links](#)

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00621466 92-36568

**Network and System Automation and Remote System Operation**

Irlbeck, B. William

IBM Systems Journal v31n2 pp: 206-222

1992

ISSN: 0018-8670 **Journal Code: ISY**

**Word Count: 7330**

**Text:**

...service, the economics of today's marketplace have produced demands for greater efficiency in providing **information system services**. Businesses cannot afford to enlarge their staffs to operate their information networks. This constraint has...text message and sent through NetView message processing. This procedure complicated the specification of criteria in **automation** table statements, and frequently important data were lost in the translation from structured

alert formats...

...automation table statement criteria.

\* Values in NetView global variables can be accessed in criteria comparisons in **automation** table statements.

MSU AUTOMATION. The receipt of an SNA alert indicating a problem with a... are constructed of major vectors, subvectors, and subfields with fixed hexadecimal keys, and frequently contain **values** that are hexadecimal code **points** specified in the architecture to carry specific information, MSUs are well-suited for communication between...

...INCLUDING SUBTABLES. As automation has become more important in meeting their business objectives, providers of **information system services** have written automation procedures and automation table statements to automate more and more messages.

In...cost-effective manner.

Similarly, automation of system and network operations is crucial for providers of **information systems services**: Extensive enhancements to the automation capabilities in NetView have been made in NetView V2R2. They...

22/3,K/20 (Item 11 from file: 15) [Links](#)

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00541351 91-15695

**The Skilling of America**

Gordon, Jack

Training v28n3 pp: 27-35

Mar 1991

ISSN: 0095-5892 Journal Code: TBI

Word Count: 6821

Text:

...all so hideously pointless, moans the commission. The Japanese aren't beating our pants off in **automobiles** and electronics and so on by paying their workers lower wages. The way to compete...clerical departments: issues, amendments and payments. Then there's the accounting department, which records both **credits** and **payments**; the customer service unit, which handles inquiries and complaints; and the main files unit, where...in the working world."

Jobs at IBM are classified according to five major functions: marketing, **service**, **information** and office **systems**, technical and finance. Ninety percent of all jobs are further broken down into 85 major

...

22/3,K/21 (Item 1 from file: 610) [Links](#)

Business Wire

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00409825 20001114319B7190 (USE FORMAT 7 FOR FULLTEXT)

**eHealthcareWorld Pays House Call to the Big Apple in December Online healthcare industry leaders unite in New York to exchange ideas and best practices in meeting the challenges of the Internet Age**

Business Wire

Tuesday, November 14, 2000 13:56 EST

**Journal Code: BUSINESS WIRE, COMTEX Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE**

**Word Count: 4,377**

...to implement a solution across a wide range of devices such as Internet Web sites, **in-car** concierge systems, WAP-enabled devices (Wireless Application Protocol), supporting mobile Internet phones and PalmPilot devices...General and administrative expenses consist of salaries for administrative, executive and finance personnel, recruiting costs, **information systems** costs, professional **service** fees and allocated facility costs. These expenses increased \$2.2 million or 112.7% to...

...resources programs. We believe that our general and administrative expenses will continue to increase in **dollar amounts** as a result of our growing operations and the additional expenses associated with operating as...accounts receivable line and an equipment line. Under the new terms and conditions, the total **amount** of the line of **credit** is \$11.5 million. At our option, borrowings under the accounts receivable line of credit...perspective. In this track attendees will learn how to leverage the Internet to maintain efficiencies **in care** financing and delivery for competitive advantages.

Insurance, MCO's and Employers: This track will offer...

22/3,K/22 (Item 2 from file: 610) [Links](#)

Business Wire

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00258477 20000418109B8526 (USE FORMAT 7 FOR FULLTEXT)  
infoUSA Reports Record Revenues and Internet Expansion for First Quarter 2000

Business Wire

Tuesday, April 18, 2000 07:09 EDT

Journal Code: BW Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE  
Word Count: 3,875

...and  
location-based e-commerce market, giving the company a distinct advantage  
over other directory **service** providers in this space. infoUSA.com  
anticipates  
these value-added services will create ...Nokia, TellMe and NeoPoint  
during the first  
quarter, as well as a license with leading **in-car** navigation  
company GM  
Onstar. infoUSA.com also signed a content license agreement with leading  
Internet...

...result of directed traffic from the company's private label  
yellow and white page directory **service** partners. The company hosts  
over  
1,000 private label sites, up from 842 at year...

...addresses.

VideoYellowPages.com  
VideoYellowPages.com, www.videoyellowpages.com, is the first multimedia  
yellow  
pages advertising **service** on the Internet. The **service** offers  
small  
businesses multimedia online advertising solutions for less than the cost  
of  
a printed yellow page ad. The **service** offers consumers an audio and  
visual  
tour of a business, allows them to review hours...

...Joe Montana as spokesperson. During the  
remainder of 2000, the company plans to rollout the **service** to the  
Bay Area  
Peninsula Cities. The company is developing partnerships with community and  
affinity...

...free  
Business Credit Reports online, as well as a subscription based e-mail  
alert  
"watchdog" **service** to monitor any changes to the credit report. This  
**service**  
will be available to users for \$6 per business, per year. The site will

also...three million customers use the products and services for direct marketing, telemarketing, marketing planning, lead **generation**, sales planning, **customer** analysis and **credit** reference. Statements in this announcement other than historical data and information constitute forward looking statements...

22/3,K/23 (Item 1 from file: 810) [Links](#)

Business Wire

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0968478 BW1123

## MA RAYTHEON : Raytheon Reports Record Revenue and Earnings

January 26, 1999

**Byline:** Business/Technology Editors

...reporting backlog at certain locations in order to provide consistency. The company includes the full **value** of contract **awards**

when received, excluding multi-year awards and options. The impact of this change as of...

...two

additional batteries expected in 1999, will be worth approximately \$1.1 billion.

-- RSC was **awarded** an Army contract **valued**  
at a potential \$345

million for the Atmospheric Interceptor Technology Test Bed program. The award...

...its debut as an option on Cadillac's 2000 DeVille, was named Grand Award winner in **automotive**

technology by Popular Science

magazine in its annual "Best of What's New" awards. Night... traffic management, as well as tactical information.

-- The Federal Aviation Administration (FAA) competitively selected and **awarded** Raytheon a contract **valued**  
at up to \$180 million

to manufacture and install up to 152 new monopulse secondary...

...and Space

Administration's Ames Research Center in Mountain View, Calif.

Raytheon provides support in **information systems**

technology and

**services**, aerospace management research and development, aerodynamics research and wind tunnel operations, and research in human...

22/3,K/24 (Item 2 from file: 810) [Links](#)

Business Wire

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0751669 BW1652

## **INTEGRATED SYSTEMS : Integrated Systems, Inc. Announces MATRIXx and BetterState Support for Siemens' New TriCore 32-bit Architecture**

September 29, 1997

**Byline:** Business/Technology Editors

...to be widely used as a basis for a variety of application specific processor designs in **automotive**, communications and data storage applications.

The MATRIXx and BetterState design tools provide a comprehensive design...

...development tools facilitate the rapid development of production-ready designs. MATRIXx's production-quality fixed-point code **generator**

allows **users** to automatically implement these algorithmic designs, while taking full advantage of processor specific computational capabilities...

...Founded in 1981, and headquartered in Sunnyvale, California, ISI's worldwide presence includes sales and **service** offices in Asia, Europe, and North America. Additional information about ISI is available on the...

...Inc. Windows is a registered trademark of Microsoft Corporation. All other products are the trademarks, **service** marks, or registered trademarks of their respective holders.

CONTACT: Integrated Systems, Inc. Siemens Components, Inc...

22/3,K/25 (Item 3 from file: 810) **Links**

Business Wire

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0603957 BW1134

## **TRW INC : TRW Reports All-Time Quarterly Record; Sales, Earnings, Earnings Per Share Reach New Highs**

July 16, 1996

**Byline:** Business Editors

...second quarter 1996 sales were

\$1.70 billion compared to \$1.72 billion. The decline in **automotive** sales was due to the effect of unfavorable exchange rates and lower pricing in occupant...

...command center project we've completed to facilitate traffic flow during the Olympic games."

In **information systems and services**, second quarter sales were \$156.9 million compared with \$150.6 million in the year...

...defense markets. The company's 1995 sales were more than \$10 billion.

#### TRW STATISTICAL SUMMARY

(Dollar Amounts

in Millions Except for Per Share Data)

SECOND QUARTER	1996	1995
Sales	\$2,728.5...	

...in computing fully diluted		
per share amounts	67.4	67.4

#### TRW STATISTICAL SUMMARY, CONTINUED

(Dollar Amounts in Millions)

SELECTED CASH FLOW ITEMS	Six Months Ended
	June 30, 1996      June 30, 1995...

22/3,K/26 (Item 4 from file: 810) Links

Business Wire

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0531858 BW0370

#### Business Wire Recap

November 06, 1995

Byline: Editors

...07:42)

(UNISYS/TELEPHONY-MAGAZIN) (UIS)--Unisys/Telephony magazine survey on customer service and buyer **values points** to the winners of the telephone wars (BW1022 07:48)

(PHILIPS-DVS) KNOXVILLE, Tenn.--Philips...Textron Specialty Materials Signs Contract with "Big Three" Automaker; Unique AVCARB friction material for use in **automatic** transmissions (BW1037 08:01)

(INTERNATIONAL-DATA) FRAMINGHAM, Mass.--IDC sees opportunity for corporate training over...

VANSTAR) PLEASANTON, Calif.--Vanstar names former Sun and AT&T executives to head up professional **services** and

**information**

technology **systems** research and development; (BW0080 08:58)  
(KEYSTONE-LEARNING-SYSTEM) PROVO, Utah--KeyStone videos teach  
database...

22/3,K/27 (Item 5 from file: 810) Links

Business Wire

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0524592 BW1337

**TRW INC : TRW posts third-quarter, nine-month records; cites automotive, space and defense strength**

October 16, 1995

**Byline:** Business Editors

...automotive business is performing well in the global automotive  
market that is experiencing slowing growth in **vehicle**  
production and  
continued intense pricing pressure while our space and defense  
business continues to win...  
...rose 3 percent to \$116.2 million from \$112.9 million  
in 1994.

The increase in **automotive**  
sales resulted from higher volume in  
all European businesses, the effect of favorable exchange rates...

...new employees in 1995 while continuing to improve  
productivity and return on assets employed."

In **information systems** and **services**  
, third quarter sales were  
\$151.6 million, compared with \$152.1 million in the year...

...in  
1994.

TRW provides advanced technology products and services for  
automotive, space and defense, and **information systems** and  
**services**  
markets worldwide. The company's 1994 sales were \$9.1 billion.

\*T

**TRW STATISTICAL SUMMARY**

(**Dollar Amounts** in Millions Except for Per Share Data)

THIRD QUARTER	1995	1994
Sales	\$2,401.4...	

22/3,K/28 (Item 6 from file: 810) Links

Business Wire

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0501420 BW1069

**TRW INC : TRW sets all-time quarterly record for sales, earnings, and earnings per share**

July 18, 1995

**Byline:** Business Editors

...of \$1.7 billion from \$1.5 billion in the year-ago quarter. The increase in **automotive** sales resulted largely from higher air bag volume in North America and increased volume in...  
...Mr. Gorman. "We are confident we can continue to grow and diversify this business."  
In **information systems** and **services**, second quarter sales were \$151 million, compared with \$156 million in the year-ago quarter...

...in  
1994.

TRW provides advanced technology products and services for automotive, space and defense, and **information systems** and **services** markets worldwide. The company's 1994 sales were \$9 billion.

\*T

TRW STATISTICAL SUMMARY

(Dollar Amounts

in Millions Except for Per Share Data)

SECOND QUARTER	1995	1994
Sales	\$2,711.6...	

22/3,K/29 (Item 7 from file: 810) Links

Business Wire

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0478091 BW1058

**TRW INC : TRW sets all-time records in sales, earnings, earnings per share**

April 17, 1995

**Byline:** Business Editors

CLEVELAND--(BUSINESS WIRE)--April 17, 1995--Driven by a significant increase in **automotive** sales and continued improvements in productivity and operating margins, TRW Inc. today announced that first...



For 1994, **information systems and services** sales declined to \$596.2 million from \$618.1 million in 1993. Operating profit in...

...and services for the automotive, space and defense, and information markets.

\*T

TRW STATISTICAL SUMMARY

(Dollar Amounts in Millions Except for Per Share Data)

FOURTH QUARTER	1994	1993
Sales	\$2,446.7...	

22/3,K/31 (Item 9 from file: 810) Links

Business Wire

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0384728 BW679

**TRW INC : TRW earnings increase 8 percent in fourth quarter**

February 9, 1994

**Byline:** Business Editors

...have made substantial progress in applying aerospace technologies to nondefense and commercial applications. And, in **information systems and services**, we reduced operating costs while improving quality and customer satisfaction levels."

Gorman said the restructuring...

...divested in 1992 and the effect of unfavorable exchange rates.

Excluding restructuring effects, operating profit in **automotive** increased 45.4 percent to \$83.9 million from \$57.7 million. The increase in...

...1993 was \$204.6 million versus \$230.6 million in 1992, excluding restructuring effects.

In **information systems and services**, fourth-quarter sales were \$155.1 million compared with \$175.8 million in 1992. The...

...reflecting start-up costs for a new data center and increased pricing competition.

For 1993, **information systems and services**

sales were  
\$618.1 million compared with \$753.7 million in 1992. Operating  
profit increased...  
...and services for the  
automotive, space and defense, and information markets.

\*T

TRW STATISTICAL SUMMARY

(Dollar Amounts in Millions Except for Per Share Data)

FOURTH QUARTER (Includes Restructuring)	1993	1992
-----	----	----
Sales	\$2...	

22/3,K/32 (Item 10 from file: 810) Links

Business Wire

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0363292 BW077

**TRW INC : TRW NET EARNINGS INCREASE 16 PERCENT IN THIRD QUARTER**

October 20, 1993

**Byline:** Business Editors

...efficiencies.

Improved operating profit resulting from higher volume in TRW's North  
American automotive and **information systems** and

**services** businesses

was offset by lower sales in European automotive operations and the  
space and defense...

...absence of sales from divested  
businesses, and the effect of unfavorable exchange rates.

Operating profit in **automotive**  
increased 3 percent to \$63 million  
from \$61 million. Higher operating profit resulting primarily from...

...Operating profit in the quarter  
declined to \$54 million from \$57 million in 1992.

In **information systems** and **services**  
, sales decreased 14 percent  
to \$152 million from \$177 million in 1992. The sales decline...

...information markets. The  
company's 1992 sales totaled \$8.3 billion.

\*T

TRW STATISTICAL SUMMARY

(Dollar Amounts in Millions Except for Per Share Data)

THIRD QUARTER	1993	1992
Sales	\$1,903	\$2...

22/3,K/33 (Item 11 from file: 810) Links  
Business Wire  
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0287748 BW056

## TRW INC : TRW Reports higher second quarter sales, earnings

July 15, 1992

**Byline:** Business Editors

...North America and Europe, primarily in the occupant restraint and steering systems businesses.

Operating profit in **automotive** rose to \$88 million from \$31 million in the second quarter of 1991. The increase...

...55 million from \$62 million in 1991 due to lower volume in spacecraft and electronic **systems**.

In the **information systems and services** segment, sales increased four percent to \$201 million from \$192 million in the second quarter...

...The company's 1991 sales totaled more than \$7.9 billion.

\*T

### TRW STATISTICAL SUMMARY

(Dollar Amounts in Millions Except for Per Share Data)

SECOND QUARTER	1992	1991
Sales	\$2,154	\$1...

22/3,K/34 (Item 12 from file: 810) Links  
Business Wire  
(c) 1999 Business Wire . All rights reserved.  
0197084 BW891

## TRW INC : TRW reports third quarter results

October 15, 1990

**Byline:** Business Editors

...interest expense due to borrowings for business growth in occupant restraints, European expansion and acquisitions in **automotive** electronic controls, and a higher tax

rate. Net earnings in the third quarter included \$10...  
...6 percent to \$65 million vs.  
\$61 million in the year-ago period.

In the **information systems and services**  
segment, sales declined  
slightly to \$192 million from \$196 million in the year-ago period...

...and information markets. The company's  
1989 sales totaled \$7.34 billion.

#### TRW Statistical Summary

(Dollar amounts

in millions except for per share data)

Third Quarter	1990	1989
Sales	\$2,012	\$1...

22/3,K/35 (Item 1 from file: 476) Links

Financial Times Fulltext

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0008517956 B0GDJAGABBFT

**A-Z of the Internet: Web Sites and Briefs**

Financial Times , P V

Wednesday , April 3, 1996

**DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT**

Word Count: 1,426

...McKinsey analysts have forecast that the US market for electronic home shopping alone will be **worth** between **dollars** 4bn and **dollars** 5bn by the year 2003. Sales volume will rise even more sharply after 2003 as... The central site for UK government Web publishing is managed by the Government Center for **Information Systems**. Its **information service** is among the top five per cent of the most frequently used Internet sites in...price anyone can afford.'

Animation on the Internet is possible using a freehand Sprite tool **in Autodesk Animator Studio**, which allows animations or captured video to be 'painted' over a multi-frame...

22/3,K/36 (Item 2 from file: 476) Links

Financial Times Fulltext

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0007051391 B0DKYDLAFUFT

**Survey of Belgian Banking and Finance (5): Not so cosy as it was - The banking sector**

DAVID GARDNER

Financial Times , P III

Thursday , November 25, 1993

**DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT**

Word Count: 1,446

...mergers.

The larger players are too like each other, attempting to provide a universal banking **service** strongly rooted in the Belgian (or at most the supra-regional) market, encompassing the Benelux... ..and a quarter of the staff numbers common in Europe, and banks have invested heavily **in automation**. Since 1980, total staff costs have nearly doubled - but ABB figures show that net profit... ..a strong domestic customer base (where margins are higher, partly because of generalised repricing of **credit** and new charges on **customers**), and to **generate** more non-retail income in areas opened up by deregulation (although margins are keener).

Most...

22/3,K/37 (Item 1 from file: 813) Links

PR Newswire

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1081435

LAM050

**Hughes Reports First Quarter Earnings**

**Date:** April 14, 1997    **10:38 EDT**    **Word Count:** 1,772

...Systems segment sales increase was primarily due to build-up of newer programs, particularly in **information systems** and **services**."

Mr. Armstrong said that the first quarter earnings decline, excluding last year's \$71.6...

...in the amortization period for certain subscriber acquisition costs incurred by DIRECTV, and lower margins **in Automotive** Electronics primarily due to price reductions. These factors were offset in part by the favorable...was principally due to additional revenues resulting from the build-up of newer programs, particularly **information systems** and **services** programs such as Desktop V, Wide Area Augmentation System, and Hughes Air Warfare Center.

Primarily...

...5%, as compared to 1996.

CONSOLIDATED STATEMENT OF INCOME AND

AVAILABLE SEPARATE CONSOLIDATED NET INCOME

(Dollars in Millions Except Per Share **Amounts**)

Three Months

Ended March 31,  
1997 1996

Revenues

Net sales

Outside customers

\$2,765.7...

22/3,K/38 (Item 2 from file: 813) [Links](#)

PR Newswire

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0714245 DC010

**BDM TECHNOLOGIES WINS CONTRACT FOR ALABAMA'S CHILD SUPPORT ENFORCEMENT SYSTEM**

**Date:** June 13, 1994 **10:13 EDT** **Word Count:** 372

...mandated U.S. Department of Health and Human Services (HHS) certification requirements, Corsiglia said.

This **award**, with a **value** of \$24.7 million over three years, is the second major award for a child...

...system BDM has received in recent months and confirms the Company's growing leadership role in **automating** and implementing health and human services systems for state and local governments. "There was strong...

...Rico, and now Alabama.

BDM Technologies, Inc., headquartered in McLean, Virginia (Metropolitan Washington, DC), provides **information** technology **systems** and **services** to private sector and international clients and state and local government agencies in such areas...

22/3,K/39 (Item 3 from file: 813) [Links](#)

PR Newswire

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0504888 NY080

**SUN ELECTRIC CORPORATION ANNOUNCES SECOND QUARTER RESULTS**



Date: August 4, 1992 21:15 EDT Word Count: 1,023

...financial results for the  
second calendar quarter and the six months ended June 30, 1992:

(Dollars in thousands except per share amounts)			
Three Months Ended June 30		Six Months Ended June 30	
1992	1991	1992	1991

Sales...

...lower sales in Germany.

"During the second quarter, the company acquired 100 percent  
ownership interest in **Vehicle** Test Technology Inc. (VTTI), a  
Washington  
corporation in which it previously held a 50 percent...

...of this year."

Sun Electric Corp. designs, manufactures, markets and services  
automotive diagnostic, test and **service** equipment and  
**information** and  
management **systems** for the motor vehicle service industry in more  
than  
100 countries. The company also designs...

...company's accounting policies and  
other financial disclosures.

SUN ELECTRIC CORPORATION  
NOTES TO FINANCIAL STATEMENTS  
(Dollar Amounts in Thousands)

NOTE A: On April 10, 1992, the company purchased the remaining  
outstanding fifty percent equity interest in **Vehicle** Test  
Technology  
Inc. (VTTI), the company's unconsolidated affiliate, from a third party.  
The purchase...July 24, 1993. The company  
and the lender are continuing to negotiate a longer term **credit**  
facility  
in an **amount** sufficient to retire all outstanding borrowings  
currently  
provided by the company's commercial bank and..

Set	Items	Description
S1	0	S (INFORMATION(2N)SYSTEM? ?)(2N)SERVICE? ? AND IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)(VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S2	0	S (SERVICE OR INFORMATION(2N)SYSTEM) AND (IN()(CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)) AND (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)((PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?)(5N)(GENERAT??? OR ACCOMPLISH?))
S3	3	S ((CAR? ? OR AUTO? OR VEHICLE? ? OR TRUCK? ?)(3N)(NAVIGATION? OR INFORMATION?)(3N)(SYSTEM? ? OR SERVICE? ?))(10N)((POINT? ? OR CREDIT? ?)(5N)(PATRON? ? OR USER? ? OR DRIVER? ? OR OPERATOR? ?))
S4	3	S S3 NOT PY>2000
S5	3	RD (unique items)
S6	57	S (PROVIDER? ? OR SUPPL??? OR DEALER? OR VENDOR? ? OR SELLER? ? OR CONTRACT?R? ?)(5N)(DATA()(TECHNOLOGY OR SYSTEM? ? OR PROCESSING OR SERVICES) OR COMPUTER(3N)(BASE? OR GENERAT??? OR PROVID???))
S7	213578	S INSURANCE? ? OR REFUEL??? OR GAS OR CONVENIENCE()STORE OR (CAR? ? OR AUTO? ? OR TRUCK? ? OR VEHICLE? ?)(2N)(REPAIR OR SERVICE OR LEASE OR RENT) OR TRAVEL??? OR SIGHT()SEEING OR TRAVEL()AGEN? OR MAP? ? OR TICKET? ? OR EVENT? ? OR TRAFFIC OR INFORMATION(2N)(PROVIDER OR SERVICE? ? OR PRODUCT? ?) OR AUTO(2N)SERVICE? ? OR CAR(4N)SERVICE? ?
S8	294003	S AUTOMOBILE? OR AUTOMOTIVE OR AUTO OR AUTOS OR VEHICLE? OR CAR OR CARS OR TRUCK? ? OR PICKUP? ? OR VAN OR VANS
S9	104693	S MULTITUD? OR MANY OR PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MULTI OR NUMEROUS OR (LARGE OR UNUSUAL)()(NUMBER OR QUANTIT??? OR AMOUNT? ?) OR MORE()THAN()ONE
S10	1107	S (POINT? ? OR CREDIT? ? OR AWARD? OR DOLLAR? ?)(5N)(VALUE? ? OR COUNT OR AMOUNT? ? OR PAYMENT? ? OR WORTH OR REMIT? ? OR REMITT?)
S11	1807	S (PATRON? ? OR CUSTOMER? ? OR CLIENT? ? OR USER? ? OR SUBSCRIBER? ? OR ENROLEE? ? OR PARTICIPANT? ? OR PARTICIPAT?R? ? OR PERSON? ? OR DRIVER? ? OR OPERATOR? ?)(5N)(GENERAT??? OR ACCOMPLISH? OR BRING()ABOUT OR CREATE? OR INITIAT?) OR SELF()SERVICE
S12	28931	S S7(S)S9
S13	7	S S12(S)S6
S14	1	S S13(S)S10
S15	15	S S8(S)S6
S16	7	S S15(S)S7
S17	4	S S16 NOT PY>2000
S18	4	RD (unique items)
S19	0	S S11(S)S6
S20	679	S S11(S)S7
S21	3	S S20(S)S10
S22	3	RD (unique items)
S23	10	S ((NAVIGATION? OR INFORMATION?)(3N)(SYSTEM? ? OR SERVICE? ?))(10N)((POINT? ? OR CREDIT? ?)(5N)(PATRON? ? OR USER? ? OR DRIVER? ? OR OPERATOR? ?))
S24	7	S S23 NOT PY>2000
S25	7	RD (unique items)

; show files

[File 63] **Transport Res(TRIS)** 1970-2007/Feb  
(c) fnt only 2007 Dialog. All rights reserved.

[File 81] **MIRA - Motor Industry Research** 2001-2007/Dec  
(c) 2007 MIRA Ltd. All rights reserved.

5/3,K/1 (Item 1 from file: 63) [Links](#)

Transport Res(TRIS)

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00944783 DA

**TITLE: JAPANESE COMMUNITY BUS FOR THE ELDERLY AND THE DISABLED**

**Author:** AKIYAMA, T; WATANABE, T; NAKAJO, S; YONSIK, S; WAHIRA, Y; YOSHITOMI, M; FUJII, N; KAMATA, M

**Corporate Source:** INDOMED PTY LTD, 144 NORWOOD STREET, LEEDERVILLE, WA 6007 , AUSTRALIA

**Journal:** SETTING THE PACE. 8TH INTERNATIONAL CONFERENCE ON TRANSPORT AND MOBILITY FOR ELDERLY AND DISABLED PEOPLE, PERTH, WESTERN AUSTRALIA, SEPTEMBER 1998. VOLUME 1

**Pag:** 77-85

**Publication Date:** 19980000 **Publication Year:** 1998

**Language:** English **Subfile:** IRRD (I)

**IRRD Document Number:** E117893

**ISBN:** 0-646-36154-6

**References:** 3

**Data Source:** Transport Research Laboratory (TRL)

**Abstract:** ...country. Community bus is evaluated by users from the point of amenity, safety, information system, vehicle design and so on. First, characteristics of community bus are described. Second, its quality of...

5/3,K/2 (Item 2 from file: 63) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

Transport Res(TRIS)

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00619150 DA

**TITLE: COMPARATIVE ASSESSMENT OF ORIGIN-BASED AND EN ROUTE REAL-TIME INFORMATION UNDER ALTERNATIVE USER BEHAVIOR RULES**

**Author:** Mahmassani, HS; Chen, PS-T

**Corporate Source:** Transportation Research Board, 2101 Constitution Avenue, NW , Washington, DC, 20418,

**Journal:** Transportation Research Record **Issue Number:** 1306 **Pag:** pp 69-81

**Supplemental Notes:** This paper appears in Transportation Research Record No. 1306, In-Vehicle Information Systems: Modeling Traffic Networks and Behavioral Considerations 1991.

**Publication Date:** 19910000 **Publication Year:** 1991

**Language:** English **Subfile:** HRIS (H 9201)

**ISSN:** 03611981 **ISBN:** 0-309-05114-2

**Availability:** Transportation Research Board Business Office ; 2101 Constitution Avenue, NW ; Washington ; DC ; 20418

**Figures:** 10 Fig.

**References:** 16 Ref.

**Descriptors:** REAL TIME; DRIVER INFORMATION SYSTEMS; DRIVER BEHAVIOR ; IN-VEHICLE ROUTE GUIDANCE; POINT-OF-DEPARTURE INFORMATION; EFFECTIVENESS; PERFORMANCE; BENEFITS; SIMULATION; EXPERIMENTS

5/3,K/3 (Item 3 from file: 63) [Links](#)

Transport Res(TRIS)

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00224537 DA

**TITLE: DRIVERS' RECORDS: ARE THEY A VALID MEASURE OF DRIVING BEHAVIOR?**

**Author:** Zylman, R

**Corporate Source:** Pergamon Press Limited, Headington Hill Hall, Oxford OX3 0BW , England

**Report Number:** HS-012 679

**Journal:** Accident Analysis and Prevention **Vol:** 4 **Issue Number:** 4 **Pag:** pp 333-49

**Publication Date:** 19721200 **Publication Year:** 1972

**Language:** English **Subfile:** HSL HRIS (S H)

**Tables:** 5 Tab

**References:** 18 Ref

**Data Source:** National Safety Council, Safety Research Info Serv

**Descriptors:** DATA ACQUISITION; DATA ANALYSIS; DRIVER BEHAVIOR; DRIVER PERFORMANCE;  
**DRIVER INFORMATION;** MOTOR VEHICLE LAWS & REGULATIONS; **POINT SYSTEM;**  
UNIFORMITY; RECORDS; VIOLATIONS; LAW; JUDGMENT; COLLISION RESEARCH; VALIDITY;  
MEASUREMENTS

14/3,K/1 (Item 1 from file: 63) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

Transport Res(TRIS)

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01005198 DA

**TITLE: Knowledge-Based Scheduling Analysis Software for Highway Rehabilitation and Reconstruction Projects**

**Author:** Lee, Eul-Bum ; Harvey, John T ; Samadian, Michael M

**Journal:** Transportation Research Record: Journal of the Transportation Research Board **Issue Number:** 1907

**Pag:** pp 15-24

**Publication Date:** 20050000 **Publication Year:** 2005

**Language:** English **Subfile:** HRIS (H )

**ISSN:** 0361-1981 **ISBN:** 0309093791

**Availability:** Transportation Research Board Business Office ; 500 Fifth Street, NW ; Washington ; DC ; 20001 ; USA

**Figures:** 5 Fig. **Tables:** 1 Tab.

**References:** 15 Ref.

**Abstract:** ...infrastructure was built between 1955 and 1970. These pavements had 20-year design lives, and **many** now require frequent maintenance. In 1998, the California Department of Transportation (Caltrans) launched the Long-Life Pavement Rehabilitation Strategies (LLPRS) program to rebuild approximately 2,800 lane kilometers of high-**traffic**-volume urban freeway in the 78,000 lane kilometer state highway network over a 10... ..successful implementation of LLPRS projects are the selection of construction schedules and the development of **traffic** management plans that minimize road user and agency costs. This paper presents a construction simulation... ..It takes into account the constraints of scheduling interfaces, pavement design, lane closure tactics, and **contractor** logistics. As a knowledge-**based computer** system on a Microsoft Access database, it uses Monte Carlo simulation, critical path method analysis... ..to help highway agencies and paving contractors make construction schedule decisions that balance rehabilitation productivity, **traffic** inconvenience, and agency cost. Application of the CA4PRS model to urban freeway rehabilitation projects in... ..I-10 Pomona, I-710 Long Beach, and I-15 Devore projects, has demonstrated its **value** in saving millions of **dollars** for both Caltrans and road users.

18/3,K/1 (Item 1 from file: 63) [Links](#)

Transport Res(TRIS)

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00770211 DA

**TITLE: GIS DATABASE/INTERFACE FOR URBAN TRAFFIC MANAGEMENT IN BRAZIL**

**Author:** Loureiro, CFG; de Oliveira, MGS

**Corporate Source:** Institute of Transportation Engineers, 525 School Street, SW, Suite 410, Washington, DC, 20024-2729,

**Report Number:** CD-006

**Pag:** 14p

**Supplemental Notes:** Conference proceedings available only on CD-ROM.

**Publication Date:** 19990000 **Publication Year:** 1999

**Language:** English **Subfile:** HRIS UMTRIS (H U)

**ISSN:** N/A

**Availability:** Institute of Transportation Engineers ; 525 School Street, SW, Suite 410 ; Washington ; DC ; 20024-2729

**Order Number:** N/A

**Conference Title:** Transportation Frontiers for the Next Millennium: 69th Annual Meeting of the Institute of Transportation Engineers

**Abstract:** As a means of mitigating **traffic** congestion, the **Traffic** Engineering Department of Fortaleza, Brazil, has endeavored to implement a centralized Urban **Traffic** Control (UTC) system supported by a dynamic geographic information system (GIS) platform. The GIS technology... ..signs, the initial efforts were guided to perform a thorough diagnosis of the city's **traffic** and transit systems. Comprehensive field surveys were carried out, including over 5,000 household interviews, to identify **travel** demand patterns, **vehicle** and pedestrian counts at signalized and unsignalized intersections, major arterials, bus transit lines and terminals, **travel** time and delay studies for **auto** and bus routes, as well as a **computer-aided-design (CAD)-based supply** inventory collecting data on parking, intersection geometry, and **traffic** signs. **Traffic** flow parameters and information required by TRANSYT were then stored in the GIS database using... ..framework can be extended to allow the implementation of dynamic incident management and provision of **traveler** information through the production of dynamic Web pages depicting system performance measures such as delay, average speeds, and **travel** times.

18/3,K/2 (Item 2 from file: 63) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

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00458590 DA

**TITLE: MULTI-PURPOSE DATA ACQUISITION AND PROCESSING SYSTEM FOR TRAFFIC AND ROAD STUDIES**

**Author:** Skowronski, W

**Corporate Source:** PTRC Education and Research Services Limited, 110 Strand, London WC2 , England

**Journal:** Planning & Transport Res & Comp, Sum Ann Mtg, Proc **Vol:** P249 **Pag:** pp 85-96

**Supplemental Notes:** Microcomputer Applications in Developing Countries. Proceedings of Seminar F held at the 12th PTRC Summer Annual Meeting, University of Sussex, England, July 10-13, 1984. For the covering abstract of the seminar see IRRD 283731 (TRIS 458582).

**Publication Date:** 19840000 **Publication Year:** 1984

**Language:** English **Subfile:** HRIS IRRD (H 8702 I)

**Source Accession Number:** IRRD 283729

**ISSN:** 02664542 **ISBN:** 086050-134-5

**Availability:** PTRC Education and Research Services Limited ; 110 Strand ; London WC2 ; England

**Figures:** 8 Fig.

**References:** 14 Ref.

**Data Source:** Transport and Road Research Laboratory

**Abstract:** ...of this microcomputer based system is the collection of data for many different types of **traffic** surveys. The system utilises several transducers such as speed/distance pulse generator, a fuel flow-meter, a vertical rear axle displacement transducer and **event** markers which allow for the simultaneous measurement of several variables in **vehicles** moving at virtually any usual speed range. The system can also be used in the stationary mode as data logging equipment for **traffic** counts, saturation flow measurements and videotape recorded **traffic** data retrieval. The data thus collected is transferred to a mainframe computer with the aid of a cassette tape recorder/reader. A suite of programs provides multi-optional **data processing** and **supplies** many different types of output according to user requirements. It allows the retrieval of results... ..operation. The paper gives a short description of this equipment and its use in various **traffic** and road studies. (Author/TRRL)

18/3,K/3 (Item 3 from file: 63) [Links](#)

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00128192 DA

**TITLE:** A SYNTHETIC INSPECTION TRAIN FOR ELECTRIC AND TRACK FACILITIES OF THE SHINKANSEN

**Corporate Source:** Japan Railway Engineers' Association, 2-5-18 Otemachi, Chiyoda-ku , Tokyo, Japan

**Journal:** Japanese Railway Engineering **Vol:** 15 **Issue Number:** 3/4 **Page:** pp 23-24

**Publication Date:** 19740000 **Publication Year:** 1974

**Language:** English **Subfile:** RRIS RRIS (R 7601 R 76S1)

**Availability:** Japan Railway Engineers' Association ; 2-5-18 Otemachi, Chiyoda-ku ; Tokyo ; Japan

**Order Number:** DOTL JC

**Tables:** 1 Tab.

**Abstract:** With extension of Shin Kansen to Hakata, JNR has put in **service** a seven-car train which can inspect the fixed facilities of the entire line at the revenue service speed of 210 kph. The **cars** have the following capabilities: **Car 1**--Measurement of communication, signal and catenary; **Car 2**--Measurement of electric power supply system and observation of pantograph action; **Car 3**--Power supply and **data processing**; **Car 4**--Power supply and crew facilities; **Car 5**--Measurement and data processing for track condition; **Car 6**--Storage and spare parts; **Car 7**--Measurement of Electric power supply system and of trolley wire.

18/3,K/4 (Item 1 from file: 81) [Links](#)

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92163

**Matthews to build new hybrid school bus.**

ELECTRIC VEHICLE PROGRESS

April 15, 1996

Page : 4

Collation : 1p

**Document Type:** JOURNAL **Language:** ENGLISH

**Record Type:** ABSTRACT

**Supplier Record Type:** ABN

...currently working on a \$638,000 contract to produce a first series hybrid-electric powered **vehicle** for school bus applications. The **vehicle** will run on natural **gas** and electricity, which will be **supplied** by lead-acid batteries. A **computer-based** energy management system will control the inputs and outputs of the engine generator, battery pack...



22/3,K/1 (Item 1 from file: 63) [Links](#)

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00961943 DA

**TITLE: ON-TIME RELIABILITY IMPACTS OF ATIS, VOLUME III: IMPLICATIONS FOR ATIS INVESTMENT STRATEGIES**

**Author:** Jung, S; Larkin, J; Shah, V; Toppen, A; Vasudevan, M; Wunderlich, K

**Corporate Source:** Federal Highway Administration, 400 7th Street, SW, Washington, DC , 20590,

**Report Number:** Project No. 900610-D1

**Pag:** 105p

**Publication Date:** 20030500 **Publication Year:** 2003

**Language:** English **Subfile:** HRIS (H)

**ISSN:** N/A

**Bibliographic/Data Appendices:** 1 App.

**Availability:** Federal Highway Administration ; 400 7th Street, SW ; Washington ; DC ; 20590

**Order Number:** N/A

**Funding Type:** Contract

**Contract/Grant Number:** DTFH61-00-C-00001

**References:** Refs.

**Abstract:** The effect of Advanced Traveler Information Systems (ATIS) accuracy and extent of ATIS roadway instrumentation on the on-time reliability... Web-linked Arrival Time Estimation (HOWLATE) methodology. The HOWLATE methodology employs archived estimates of roadway travel times to recreate hypothetical, retrospective paired driving trials between travelers with and without ATIS. Previous research using this technique demonstrated that travelers who receive notification of current congestion prior to departure can realize substantial time management benefits... on-time reliability and trip predictability, and that these savings can be converted to a dollar-valued benefit. In this report, the authors expand the repertoire of applications of HOWLATE to investigate... of this report underscore the importance of understanding what levels of accuracy are required to generate ATIS user benefit based on regional day-to-day roadway variability.

22/3,K/2 (Item 2 from file: 63) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

Transport Res(TRIS)

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00669931 DA

**TITLE: REQUIREMENTS FOR CREDIT CARD PAYMENTS IN PARKING**

**Author:** ROBINSON, T(ED); LOOK, P

**Corporate Source:** UK & INTERNATIONAL PRESS, MASTERS HOUSE, WESTCOTT, DORKING, SURREY , RH 4 3NG, UNITED KINGDOM

**Journal:** TRAFFIC TECHNOLOGY INTERNATIONAL '94 **Pag:** 228-31

**Publication Date:** 19940000 **Publication Year:** 1994

**Language:** ENGLISH **Subfile:** IRRD (I)

**IRRD Document Number:** 866077

ISSN: 1352-8548

**Data Source:** Transport Research Laboratory (TRL)

**Abstract:** ...data acquisition and minimal maintenance. The advantages to banks and car d companies include improved service, non-disputed payments and profitable service fees. For the covering abstract see IRRD 866027.

22/3,K/3 (Item 3 from file: 63) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

Transport Res(TRIS)

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00459978 DA

**TITLE: PROPOSAL FOR A TEST OF LICENSE AREA CONTROL**

; FOERSLAG TILL FOERSOEK MED BILTULLAR

**Author:** Gunnarsson, SO

**Corporate Source:** Chalmers University of Technology, Sweden, Institute of Transportation, Fack, S-402 20 Goeteborg 5, Sweden

**Report Number:** TACTH Rapp N1984:3

**Pag:** 25p

**Publication Date:** 19840000 **Publication Year:** 1984

**Language:** Swedish **Subfile:** HRIS IRRD (H 8702 I)

**Source Accession Number:** 8511VT011E

ISSN: 03492389

**Bibliographic/Data Appendices:** 1 App.

**Availability:** Chalmers University of Technology, Sweden ; Institute of Transportation, Fack ; S-402 20 Goeteborg 5 ; Sweden

**Figures:** 11 Fig. **Tables:** 6 Tab.

**References:** 15 Ref.

**Data Source:** Transport and Road Research Laboratory National Swedish Road & Traffic Research Institute

**Abstract:** ...should be better coordinated with the societal margin costs, i.e., that a new road user should pay the additional costs generated by the road user. In 1983, the official committee for investigating the environmental effects of automobile exhaust proposed, among... ..has such critical environmental problems that there is need for radical measures to control the traffic, especially during rush hours. A test of area toll must be carefully planned, including an overview of existing traffic and parking regulations in order to develop simplifications and modifications. The fee should also include... ..cheaper than the afternoon hours and the first hour is cheaper than the following ones). Payment can be made by credit cards, automatic registration by electronic equipment (without stop by the driver). In order to acquire...

25/3,K/1 (Item 1 from file: 63) [Links](#)

Transport Res(TRIS)

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00944783 DA

**TITLE: JAPANESE COMMUNITY BUS FOR THE ELDERLY AND THE DISABLED**

**Author:** AKIYAMA, T; WATANABE, T; NAKAJO, S; YONSIK, S; WAHIRA, Y; YOSHITOMI, M; FUJII, N; KAMATA, M

**Corporate Source:** INDOMED PTY LTD, 144 NORWOOD STREET, LEEDERVILLE, WA 6007 , AUSTRALIA

**Journal:** SETTING THE PACE. 8TH INTERNATIONAL CONFERENCE ON TRANSPORT AND MOBILITY FOR ELDERLY AND DISABLED PEOPLE, PERTH, WESTERN AUSTRALIA, SEPTEMBER 1998. VOLUME 1

**Pag:** 77-85

**Publication Date:** 19980000 **Publication Year:** 1998

**Language:** English **Subfile:** IRRD (I)

**IRRD Document Number:** E117893

**ISBN:** 0-646-36154-6

**References:** 3

**Data Source:** Transport Research Laboratory (TRL)

**Abstract:** ...Some examples are introduced of community bus in the country. Community bus is evaluated by users from the point of amenity, safety, information system, vehicle design and so on. First, characteristics of community bus are described. Second, its quality...

25/3,K/2 (Item 2 from file: 63) [Links](#)

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00775099 DA

**TITLE: AN EVALUATION OF THE ABILITY OF DRIVERS TO ASSIMILATE AND RETAIN IN-VEHICLE TRAFFIC MESSAGES**

**Author:** Graham, Robert; Mitchell, Val A.

**Corporate Source:** HUSAT Research Institute (Loughborough University of Technology), ,

**Journal:** Ergonomics and safety of intelligent driver interfaces. **Pag:** p. 185-201

**Supplemental Notes:** Publication Date: 1997 Published By: Lawrence Erlbaum Associates, Mahwah NJ

**Publication Date:** 19970000 **Publication Year:** 1997

**Language:** eng **Subfile:** PATH

**Source Accession Number:** PATH Record Number 10875

**Availability:** Item owned at Univ. of Calif., Berkeley, Inst Transp Studies Lib Refer to:

<http://www.lib.berkeley.edu/ITSL/services.html>

**Data Source:** University of California, Berkeley--PATH Database

**Abstract:** ...glance behavior were used to assess three factors associated with the design of driver information systems: the length of messages, the timing of messages, and driver age. With this last point in mind, the study compared the performances of two age groups of drivers using...

25/3,K/3 (Item 3 from file: 63) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

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00619150 DA

**TITLE: COMPARATIVE ASSESSMENT OF ORIGIN-BASED AND EN ROUTE REAL-TIME INFORMATION UNDER ALTERNATIVE USER BEHAVIOR RULES**

**Author:** Mahmassani, HS; Chen, PS-T

**Corporate Source:** Transportation Research Board, 2101 Constitution Avenue, NW , Washington, DC, 20418,

**Journal:** Transportation Research Record **Issue Number:** 1306 **Pag:** pp 69-81

**Supplemental Notes:** This paper appears in Transportation Research Record No. 1306, In-Vehicle Information Systems: Modeling Traffic Networks and Behavioral Considerations 1991.

**Publication Date:** 19910000 **Publication Year:** 1991

**Language:** English **Subfile:** HRIS (H 9201)

**ISSN:** 03611981 **ISBN:** 0-309-05114-2

**Availability:** Transportation Research Board Business Office ; 2101 Constitution Avenue, NW ; Washington ; DC ; 20418

**Figures:** 10 Fig.

**References:** 16 Ref.

**Descriptors:** REAL TIME; DRIVER INFORMATION SYSTEMS; DRIVER BEHAVIOR ; IN-VEHICLE ROUTE GUIDANCE; POINT-OF-DEPARTURE INFORMATION; EFFECTIVENESS; PERFORMANCE; BENEFITS; SIMULATION; EXPERIMENTS

25/3,K/4 (Item 4 from file: 63) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [ScienceDirect](#)

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00368543 DA

**TITLE: THE HUMAN FACTOR IN ROAD SAFETY**

**Author:** Rumar, K

**Corporate Source:** Australian Road Research Board, 500 Burwood Road, Vermont South, Victoria 3133, Australia

**Report Number:** V11, Pt1

**Pag:** pp 65-80

**Supplemental Notes:** Proceedings of the Eleventh Australian Road Research Board Conference, held at the University of Melbourne, August 23-27, 1982.

**Publication Date:** 19820000 **Publication Year:** 1982

**Language:** English **Subfile:** HRIS IRRD (H 8302 I)

**Source Accession Number:** IRRD 255524

**IRRD Document Number:** IRRD 255524

**ISSN:** 05721431

**Figures:** 14 Fig. **Tables:** 3 Tab.

**References:** 41 Ref.

**Data Source:** Transport and Road Research Laboratory Australian Road Research Board

**Abstract:** ...road users and the vehicle. The information available in traffic is analysed both from the point of view of the road user and the road and traffic engineer. Possible ways to overcome informational deficiencies in the

system are discussed on the basis of the three principal approaches - road user selection, road user...

25/3,K/5 (Item 5 from file: 63) [Links](#)

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00315340 DA

**TITLE: LOCAL GOVERNMENT TECHNOLOGY TRANSFER: A SERVICE USER'S VIEW**

**Author:** Anklan, R

**Corporate Source:** Transportation Research Board, 2101 Constitution Avenue, NW , Washington, DC, 20418,

**Journal:** Transportation Research Record **Issue Number:** 738 **Pag:** pp 19-22

**Supplemental Notes:** This paper appeared in Transportation Research Record No. 738: Technology Transfer, the Research Process, and Creating a Productive Environment.

**Publication Date:** 19790000 **Publication Year:** 1979

**Language:** English **Subfile:** HRIS (H 8004)

**Availability:** Transportation Research Board Business Office ; 2101 Constitution Avenue, NW ; Washington ; DC ; 20418

**Abstract:** ...provide information to transportation agencies, and they should be encouraged to expand on the existing information-distribution system. Technical information can be more valuable to a greater user audience if the following points are recognized and implemented. First, established and recognized systems for the distribution of transportation-related...

25/3,K/6 (Item 6 from file: 63) [Links](#)

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00138837 DA

**TITLE: INFORMATION SYSTEMS FOR ROAD TRAFFIC**

; INFORMATIESYSTEMEN IN BET WEGVERKEER

**Author:** Oei, HL

**Corporate Source:** Dutch Touring Club ANWB, Wassenaarseweg 220, Box 2200, The Hague , Netherlands

**Journal:** Verkeerskunde **Vol:** 27 **Issue Number:** 5 **Pag:** pp 252-255

**Publication Date:** 19760500 **Publication Year:** 1976

**Language:** DUTCH **Subfile:** HRIS IRRD (H 7701 I)

**Source Accession Number:** IRRD 220545

**IRRD Document Number:** IRRD 220545

**Figures:** 1 Fig.

**References:** 8 Ref.

**Data Source:** Institute for Road Safety Research Transport and Road Research Laboratory

**Abstract:** Motorway information and control systems are approached using various principles of categorizing, especially from the point of view of situation characteristics, driver's tasks and the function and structure of a system. Functional requirements are formulated which...

25/3,K/7 (Item 1 from file: 81) [Links](#)

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150699

**DaimlerChrysler works on travel guidance**

Le Journal de l'Automobile

July 7, 2000

Page : 16

Supplementary Info: S,EE & A, No.60

Collation : (1 p)

**Document Type:** JOURNAL **Language:** FRENCH

**Record Type:** ABSTRACT

**Supplier Record Type:** ABN

DaimlerChrysler is working on a **navigation service** accessible via the Internet or portable phone. The **users** give their **point** of departure and destination, and the server indicates the best route, taking into account the...